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L1 6953 SEA FILE=REGISTRY ABB=ON PLU=ON POLYETHYLEN?
L2 18 SEA FILE=REGISTRY ABB=ON PLU=ON L1 AND WAX?
L3 10 SEA FILE=REGISTRY ABB=ON PLU=ON POLYPROPYLENE OXIDE?/CN OR
POLYPROPYLENEOXIDE?
L4 815 SEA FILE=REGISTRY ABB=ON PLU=ON WAX?
L5 204552 SEA FILE=HCAPLUS ABB=ON PLU=ON L2 OR (L1 OR ?POLYETHYLEN?) (5A
(L4 OR WAX?)
L6 4957 SEA FILE=HCAPLUS ABB=ON PLU=ON L3 OR POLYPROPYLENE(2A)OXIDE?
OR POLYPROPYLENEOXIDE?
L13 909 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND L6
L14 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L13 AND (?CIDAL? OR ?CIDAL? OR
?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT?)
L15 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L14 AND GRANU?
L16 4537 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND GRANU?
L17 22 SEA FILE=HCAPLUS ABB=ON PLU=ON L16 AND L6
L18 22 SEA FILE=HCAPLUS ABB=ON PLU=ON L15 OR L17
L19 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L18 NOT GRANULOCYTE?

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L19 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:817413 HCAPLUS
DOCUMENT NUMBER: 133:365422

TITLE: Manufacture of carbon-graphite composite molded body
 having high bending strength and electric conductivity
 INVENTOR(S): Kawamata, Hiroshi; Takahashi, Kunimasa
 PATENT ASSIGNEE(S): Mitsubishi Chemical Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 2000319068	A2	20001121	JP 1999-124193	19990430
AB	The molded body is manufd. by: dehydration-drying graphite particles (size 10-70 .mu.m) and a C compd. particles (av. size $l \leq 10$.mu.m) which is self-sinterable during carbonization, mixing under stirring, granulating to max. particle size $l \leq 0.5$ mm, molding, and carbonizing under non-oxidized atm. The molded body is esp. suitable for solid polymer mold and phosphate-type fuel cell separator plate.				
IT	25322-68-3, Polyethylene glycol RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses) (binder; for manuf. of carbon-graphite composite molded body having high bending strength and elec. cond.)				
IT	25791-96-2, GP 3000 RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses) (raw material contg.; for manuf. of carbon-graphite composite molded body having high bending strength and elec. cond.)				

I.19 ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2000:817412 HCAPLUS
 DOCUMENT NUMBER: 133:365421
 TITLE: Manufacture of carbon-graphite composite molded body
 having high strength and electric conductivity
 INVENTOR(S): Kawamata, Hiroshi; Takahashi, Kunimasa
 PATENT ASSIGNEE(S): Mitsubishi Chemical Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 2000319067	A2	20001121	JP 1999-124070	19990430
AB	The process comprises: forming a compn. consisting of graphite fine particles (size 10-70 .mu.m) and a C compd. fine particles (av. size $l \leq 10$.mu.m) which is self-sinterable during carbonization, dehydration-drying, mixing, granulating to max. particle size $l \leq 0.5$ mm, molding, precision-machining, and carbonizing under non-oxidizing atm. The molded body is esp. suitable for solid polymer mold and phosphate-type fuel cell separator plate.				
IT	25322-68-3, Polyethylene glycol RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses) (binder; for manuf. of carbon-graphite composite molded body having				

IT high strength and elec. cond.)
25791-96-2, GP 3000
 RL: PEP (Physical, engineering or chemical process); TEM (Technical or
 engineered material use); PROC (Process); USES (Uses)
 (raw material contg.; for manuf. of carbon-graphite composite molded
 body having high strength and elec. cond.)

L19 ANSWER 3 OF 19 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:421766 HCPLUS
 DOCUMENT NUMBER: 131:55808
 TITLE: Sugar- or sugar alcohol- and protein-containing
 granules and method of their preparation
 INVENTOR(S): Becker, Nathaniel T.; Christensen, Robert I., Jr.;
 Green, Thomas S.
 PATENT ASSIGNEE(S): Genencor International, Inc., USA
 SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9932613	A1	19990701	WO 1998-US27119	19981218
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FT, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2313168	AA	19990701	CA 1998-2313168	19981218
AU 9920061	A1	19990712	AU 1999-20061	19981218
EP 1037968	A1	20000927	EP 1998-964823	19981218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, IE, FI				
BR 9813766	A	20001024	BR 1998-13766	19981218
JP 2001526887	T2	20011225	JP 2000-525532	19981218
WO 2000024877	A2	20000504	WO 1999-US25459	19991027
WO 2000024877	A3	20000928		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 9914674	A	20010717	BR 1999-14674	19991027
EP 1124945	A2	20010822	EP 1999-971032	19991027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 2001056177	A1	20011227	US 2001-886244	20010620
PRIORITY APPLN. INFO.:			US 1997-995457	A 19971220
			US 1998-105874P	P 19981027
			US 1998-215095	A3 19981218
			WO 1998-US27119	W 19981218
			WO 1999-US25459	W 19991027

AB **Granules** that include a protein core are described. The protein core includes a protein matrix which includes a protein mixed together with a combination of a sugar or sugar alc. and a structuring agent such as a polysaccharide or a protein. Exemplary sugars are glucose, sucrose, etc. Exemplary sugar alc. are mannitol, sorbitol, and inositol. The structuring agents may be starch or modified starch, chitosan, collagen, polyaspartic acid, etc. The protein matrix can be layered over a seed particle or the protein **granule** can be homogeneous. The protein can be an enzyme or a therapeutic protein such as a hormone. The **granules** may further contain a coating consisting of cellulose derivs., etc. Methods of making the **granules** comprise providing seed particles and coating the seed particles with a protein matrix as described above. Thus, alk. protease-contg. **granules** were prep'd. by first creating seed particles comprising sucrose crystals coated with a sucrose-starch mixt. which in turn was coated with a mixt. of PVA and corn starch; then spraying a soln. of protease and PVA onto the particles; coating the particles with MgSO4.7H2O; and finally coating these particles with a soln. contg. TiO2, methylcellulose, Neodol 23/6.5 and PEG. Detergent stability and dust tests were performed on the **granules**.

IT 25322-68-3

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
(sugar- or sugar alc.- and protein-contg. **granules** and method of their prepn.)

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 4 OF 19 HCPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:317235 HCPLUS

DOCUMENT NUMBER: 130:353594

TITLE: **Granular**, flowable sodium dithionite reducing and decolorizing composition

INVENTOR(S): Ohme, Roland; Zeiss, Werner; Hartmann, Christoph; Sebb, Werner

PATENT ASSIGNEE(S): Peroxid-Chemie G.m.b.H., Germany

SOURCE: Ger. Offen., 6 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19749343	A1	19990512	DE 1997-19749343	19971107
WO 9924357	A1	19990520	WO 1998-EP7036	19981104
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9914879	A1	19990531	AU 1999-14879	19981104
PRIORITY APPLN. INFO.:			DE 1997-19749343	19971107
			WO 1998-EP7036	19981104

AB A title compn. comprises Na2S2O4 blend with a solid liquefiable or liq.

extender and stabilizer, e.g., a polyoxyalkylene deriv. or a carbohydrate, or with a soln. of such extender-stabilizer. The compn. optionally contains alkali carbonates, defoamers, optical brighteners, hydrotropes, etc. A typical compn. was manufd. by mixing saccharose 80, H₂O 20 and poly(ethylene oxide) (mol. wt. 2000) 4 g, homogenizing the mixt. by heating at 100.degree. and blending 20 g of the mixt. at 65.degree. with 30 g Na₂S₂O₄ and 50 g dry Na₂CO₃.

IT 25322-68-3

RL: MOA (Modifier or additive use); USES (Uses)
(extender-stabilizer; flowable **granular** reducing and decolorizing compn. contg. Na dithionite and)

L19 ANSWER 5 OF 19 HCPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:428686 HCPLUS
DOCUMENT NUMBER: 127:51625
TITLE: Melamine resin molding materials and their moldings with low thermal shrinkage
INVENTOR(S): Ueno, Akira; Kawakita, Hideki
PATENT ASSIGNEE(S): Matsushita Electric Works, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 09137039	A2	19970527	JP 1995-299591	19951117

AB Title moldings are obtained from the materials comprising (A) melamine resins, (B) fillers, (C) curing agents, (D) polyethylene glycol (I), and (E) polyethylene glycol diglycidyl ether (II) or polypropylene glycol diglycidyl ether. Thus, CP 9012 60, ESC 03B 10, powd. pulp 30, phthalic anhydride 0.5, and Zn stearate 1.2 parts were mixed with 3% I and 5% II, melt kneaded, **granulated**, and injection molded to give a test piece showing thermal shrinkage (JIS K 6911) 0.42%.

IT 25322-68-3, Polyethylene glycol 26142-30-3,

Polypropylene glycol diglycidyl ether
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
(melamine resin molding materials with low thermal shrinkage)

L19 ANSWER 6 OF 19 HCPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1994:210818 HCPLUS
DOCUMENT NUMBER: 120:210818
TITLE: Glyphosate **granular** formulation.
INVENTOR(S): Arnold, Kristin Ann
PATENT ASSIGNEE(S): Monsanto Co., USA
SOURCE: Eur. Pat. Appl., 14 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 582561	A1	19940209	EP 1993-870159	19930730
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				

CA 2101669	AA	19940201	CA 1993-2101669	19930730
CA 2101669	C	19990323		
AU 9344324	A1	19940203	AU 1993-44324	19930730
AU 668190	B2	19960426		
JP 06256121	A2	19940913	JP 1993-190115	19930730
US 5612285	A	19970318	US 1995-463447	19950605
US 5693593	A	19971202	US 1996-732917	19961017

PRIORITY APPLN. INFO.: US 1992-922715 19920731

AB Free-flowing, nondusty, nonsticky water-sol. **granules**, preferably prep'd. by extrusion, comprise glyphosate (I) and/or I salt(s), surfactant(s) and an extrusion aid, solid at ambient temp. The extrusion aid is a polyalkylene glycol in which the alkylene oxide units are ethylene oxide, propylene oxide and/or butylene oxide. A mixt. of I monoammonium salt 75, Ethomeen T/25 15, and PEG-8000 10% was extruded to **granules**.

IT 25322-68-3, **Polyethylene** oxide

RL: BIOL (Biological study)
(glyphosate **granules** contg.)

L19 ANSWER 7 OF 19 HCPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1994:110030 HCPLUS

DOCUMENT NUMBER: 120:110030

TITLE: **Granular** nonionic detergent compositions for laundering

INVENTOR(S): Tsutazumi, Junichi; Tokumoto, Tsutomu

PATENT ASSIGNEE(S): Kao Corp, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05239496	A2	19930917	JP 1992-41210	19920227
JP 3126466	B2	20010122		

AB Title compns. with improved detergency and rinsing quality comprise nonionic surfactants 5-30, chelating agents 3-50, alkalizing agents 30-80, and polyetherpolyols from propylene oxide and compds. with 2-4 active H 0.1-5% and optionally 1-10% higher fatty acid salts. Thus, a compn. of polyoxyethylene C12-14-alkyl ether 15, ethylene glycol-propylene oxide adduct (mol. wt. 2200) 2, Na tripolyphosphate 10, tallow fatty acid Na salt 3, Na metasilicate 30, and Na₂CO₃ 40% showed 74% detergency against blood-stained test cloth and good rinsing with foaming 20 mm initially and 9 mm after 1 min of stirring.

IT 25322-68-3D, C12-14-alkyl ethers

RL: USES (Uses)

(**granular** detergent compns. contg., with good detergency and rinsing quality, for laundering)

IT 25791-96-2

RL: USES (Uses)

(**granular** nonionic detergent compns. contg., with good detergency and rinsing quality, for laundering)

L19 ANSWER 8 OF 19 HCPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1991:577457 HCPLUS

DOCUMENT NUMBER: 115:177457

TITLE: **Granular** insecticidal compositions

INVENTOR(S): containing furathiocarb and isocyanates
 Ookawa, Tetsuo; Kaneko, Masaru; Goto, Minoru
 PATENT ASSIGNEE(S): Kumiai Chemical Industry Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03074307	A2	19910328	JP 1989-210246	19890815
JP 3024765	B2	20000321		

AB **Granular insecticidal** compns. contain furathiocarb (I), isocyanates, and optionally hydroxy compds. The **insecticides** are nontoxic to fish and applicable to paddy. I 5.3, white carbon 15, bentonite 30, .alpha.-starch 3, and clay 46.7 wt. parts were kneaded with H₂O, **granulated**, and dried to prep. a base, which (95 wt. parts) was mixed with 3 wt. parts poly(methylenephenoxy isocyanate) and 2 wt. parts polypropylene glycol. The **granules** controlled Lissorhoptrus oryzophilus on rice with 93.3% mortality after 20 days, vs. 56.7%, for the base.
 IT 25322-68-3, **Polyethylene** glycol 25791-96-2
 RL: BIOL (Biological study)
 (**granular insecticides** contg. furathiocarb and isocyanates and, nontoxic to fish)

L19 ANSWER 9 OF 19 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1991:553076 HCPLUS
 DOCUMENT NUMBER: 115:153076
 TITLE: Slow-release agrochemical
 INVENTOR(S): Taguchi, Jun; Jo, Kiyokazu; Tanaka, Satoshi
 PATENT ASSIGNEE(S): Sanyo Chemical Industries, Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03124789	A2	19910528	JP 1989-262732	19891006
JP 05000430	B4	19930105		

AB Slow-release agrochem. and detergent formulation contain Z[(AO)_m(YO)_nH]_p [I; Z = p valent active H-contg. residue; p = 1-8; A = C₂-4 alkylene; Y = CR(Ph)CR₁H, CH₂CR₁(Ph), CH₂CH₂, etc., where R, R₁ = H, alkyl, halo; R₂ = C₂-4 alkyl; m = 0, 1-1000; n = 0, 1-1000]. I may be also used in flush toilet. Thus, Propaphos S, bentonite 40, talc 52, **polypropylene** glycol ethylene **oxide** styrene oxide adduct 10 parts by wt. were kneaded with 17 parts water, and the mixt. was made into **granules** (16-32 mesh).
 IT 25322-68-3D, **Polyethylene** glycol, ethylene oxide and styrene oxide adducts
 RL: BIOL (Biological study)
 (agrochem. **granules** contg., slow-release)

L19 ANSWER 10 OF 19 HCPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1991:148958 HCAPLUS
 DOCUMENT NUMBER: 114:148958
 TITLE: Manufacture of high-alumina ceramic articles
 INVENTOR(S): Przyluski, Jan; Kolbrecka, Krystyna; Muliniek, Bohdan;
 Slabecki, Waldemar; Konczyk, Mikolaj
 PATENT ASSIGNEE(S): Politechnika Warszawska, Pol.
 SOURCE: Pol., 7 pp. Abstracted and indexed from the unexamined application.
 CODEN: POXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Polish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 151673	B1	19900928	PL 1987-268138	19871009

AB In the title process including milling powd. Al₂O₃ with sintering aids and mixing with plasticizers, **granulating**, pressing, and 2-stage firing, polymers which form with H₂O 2-component systems are used as plasticizers in an amt. of 1-10 wt.% (based on Al₂O₃). Preferable polymers are polyethylene oxide (av. mol. wt. >1500) and/or **polypropylene oxide** (av. mol. wt. >2000). After sintering the d. of the resulting products is equal to that of corundum.

IT 25322-68-3, **Polyethylene oxide**
 RL: USES (Uses)
 (plasticized, in high-alumina ceramic product prepns.)

L19 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1990:535156 HCAPLUS
 DOCUMENT NUMBER: 113:135156
 TITLE: Manufacture of calcium hydroxide **granules**
 INVENTOR(S): Tejima, Shogo; Ueda, Takaharu; Hamamoto, Yoshito
 PATENT ASSIGNEE(S): Adachi Sekkai Kogyo Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02034513	A2	19900205	JP 1988-186645	19880726

AB An org. binder-contg. aq. soln. (0.1-10 wt.%) is added to CaO-based powder or pulverized particles (av. diam. 1 to <10 mm) for slackening, drying and obtaining Ca(OH)₂ powder (av. diam. 250-650 μ m), then subjected to pressure **granulation** to form **granules** (e.g., tablets with diam. 20 mm and thickness 10 mm, or spherical particles with diam. 1-5 mm). The binder can be sucrose, glucose, fructose, polyethylene glycol, **polypropylene glycol**, **polyethylene oxide**, ethylene glycol, propylene glycol, or diethylene glycol. The **granules** have good resistance against disintegration.

IT 25322-68-3, **Polyethylene oxide**
 RL: USES (Uses)
 (binder, in manuf. of calcium hydroxide **granules**)

L19 ANSWER 12 OF 19 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1990:97571 HCAPLUS

DOCUMENT NUMBER: 112:97571
 TITLE: Controlled dissolution of fertilizers by coating with resin compositions
 INVENTOR(S): Kosuge, Nobumasa; Fujita, Toshio; Yamashita, Yoshisato; Yoshida, Shigemitsu; Yamahira, Katsutoshi; Miyoshi, Sayoko
 PATENT ASSIGNEE(S): Chisso Corp., Japan
 SOURCE: Eur. Pat. Appl., 14 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 330331	A1	19890830	EP 1989-301136	19890206
EP 330331	B1	19920520		
R: BE, DE, FR, GB, IT, NL				
JP 01215783	A2	19890829	JP 1988-40394	19880223
JP 04069598	B4	19921106		
US 5147442	A	19920915	US 1989-306897	19890207
CA 1329491	A1	19940517	CA 1989-591123	19890215
AU 8930008	A1	19890824	AU 1989-30008	19890216
AU 609944	B2	19910509		
CN 1036553	A	19891025	CN 1989-101193	19890223

PRIORITY APPLN. INFO.: JP 1988-40394 19880223

AB A **granular** fertilizer is coated with a resin film. The resin compn. comprises an olefin polymer and 0.1-10% polyether polyol., whose amt. controls the dissoln. rate of the fertilizers. A fertilizer (10g) was coated with talc 50, polyethylene 25, and ethylene-vinyl acetate copolymer 25%. Dissoln. of this coated fertilizer by 80% required 118 days.

IT 9002-88-4, Polyethylene 25322-68-3
 25791-96-2

RL: BIOL (Biological study)
 (fertilizer coating contg., for controlled dissoln.)

L19 ANSWER 13 OF 19 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1988:591497 HCPLUS
 DOCUMENT NUMBER: 109:191497
 TITLE: Manufacture of polyolefin compositions with good mechanical strength
 INVENTOR(S): Nomura, Manabu; Shimazaki, Toshifumi
 PATENT ASSIGNEE(S): Idemitsu Petrochemical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62295925	A2	19871223	JP 1986-137980	19860613
JP 06053812	B4	19940720		

AB Title compns. are manufd. by blending 100 parts polyolefins, 5-120 parts **granular** inorg. fillers, and 0.1-20 parts mixts. of polyolefins and CaO with particle size (S) 0.02-0.5 .mu.m and sp. surface area (A)

.gtoreq.5 m²/g. The inorg. fillers are **granulated** by melt blending with **polyethylene**, **waxes** and surfactants. Thus, 100 parts polypropylene, 50 parts **granular** talc coated with Idemitsu Polyethylene 210J (polyethylene) and 2 parts mixt. of 50% polypropylene and 50% CaO (S 0.06 .mu.m, A 16 m²/g) were dry blended and injection molded at 230.degree. to give test pieces having good appearance, Izod impact strength 7.2 kg-cm/cm, and Young's modulus 34,200 kg/cm², vs. poor, 3.1, and 27,100, resp., for test pieces contg. uncoated talc instead.

IT 25002-88-4, **Polyethylene**

RL: USES (Uses)

(inorg. fillers coated with, for polyolefin compns. with good mech. strength)

L19 ANSWER 14 OF 19 HCPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1987:38183 HCPLUS

DOCUMENT NUMBER: 106:38183

TITLE: Dispersible tablet and **granulation** product and its formulation

INVENTOR(S): Goudy, Paul R.; Cassedy, Linn W.; Whitaker, Thomas S.

PATENT ASSIGNEE(S): Autotrol Corp., USA

SOURCE: Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 202653	A2	19861126	EP 1986-106843	19860520
EP 202653	A3	19881214		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE			
US 4673527	A	19870616	US 1985-735845	19850520
AU 8657559	A1	19861127	AU 1986-57559	19860519
JP 62019297	A2	19870128	JP 1986-116020	19860520
JP 62019298	A2	19870128	JP 1986-116019	19860520
PRIORITY APPLN. INFO.:			US 1985-735845	19850520
			US 1985-735849	19850520

AB A tablet or **granulation** for water treatment which can be used for inhibition of scale formation or corrosion, for microorganism removal, or for control of foaming in, e.g., cooling tower water for air conditioning purposes, consists of a water-sol. matrix material (e.g., a polymeric material or org. compd.) admixed with a water-sol. dry active treatment agent. The matrix material is more water sol. than the treatment agent and dissolves away in aq. medium exposing the treatment agent in a controlled manner. Thus, a **granulation** product 10 lb for water treatment was formed into 10,000 tablets each contg. Na polyacrylate 27.675 and iso-Pr alc. 3 (mixed together to blanket the water-sol. matrix from moisture), hexamethylenediamine-tetramethylene phosphonic acid 40.5 (scale inhibitor), benzotriazole 6.3 and Na molybdate 13.5 (corrosion inhibitors), an ethylene oxide condensate 0.9 (antifoam agent), fumed silica 0.225 (mixed enhancer), polyethylene glycol 0.9 (die lubricant and bonding agent), and water 7.0 wt. % (**granulation** binding agent). The ingredients of the product were mixed together sequentially in the order as listed.

IT 25322-68-3, **Polyethylene** glycol

RL: OCCU (Occurrence)

(die lubricant and bonding agent, water treatment tablet contg.)

IT 25322-68-3, Polyethylene oxide
 RL: OCCU (Occurrence)
 (foaming control agent, water treatment tablet contg.)

L19 ANSWER 15 OF 19 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1983:90550 HCAPLUS
 DOCUMENT NUMBER: 98:90550
 TITLE: Flame-retardant polymer compositions
 INVENTOR(S): Ilardo, Charles S.; Scharf, Daniel J.
 PATENT ASSIGNEE(S): Hooker Chemicals and Plastics Corp. , USA
 SOURCE: Eur. Pat. Appl., 20 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 63855	A1	19821103	EP 1982-300429	19820127
EP 63855	B1	19870715		
R: BE, DE, FR, GB, IT, NL				
US 4388429	A	19830614	US 1981-257082	19810424
CA 1195796	A1	19851022	CA 1981-393314	19811229
AU 8279934	A1	19821028	AU 1982-79934	19820128
AU 544931	B2	19850620		
ES 509737	A1	19830501	ES 1982-509737	19820218
JP 57185334	A2	19821115	JP 1982-63796	19820416

PRIORITY APPLN. INFO.: US 1981-257082 19810424

AB Flame retardants for polyolefins comprise synergistic combinations of (1) a Diels-Alder adduct of a chlorinated cyclopentadiene with a polyunsatd. cycloaliph. compd. and (2) a ring-brominated arom. compd. Thus, polypropylene [9003-07-0] 60, 1,4,7,10-dimethanocycloocta-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12-dodecahydro(1,2,5,6) dibenzene (I) [13560-89-9] 15, decabromodiphenyl oxide (II) [1163-19-5] 15, Sb2O3 5, and Zn3(BO3)2 5 parts were banded together on a 2-roll mill, **granulated**, and injection molded at 232-240.degree. to give specimens having O Index 31.3, compared with 27.9 for a compn. contg. 30 parts I and no II.

IT 9002-88-4

RL: POF (Polymer in formulation); USES (Uses)
 (fireproofing agents for, chlorinated polycyclic compds. and brominated arom. compds. as)

L19 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1980:164845 HCAPLUS
 DOCUMENT NUMBER: 92:164845
 TITLE: Cooling polymeric hydrogel blocks
 INVENTOR(S): Ohshima, Iwao; Nakashima, Yasutaka
 PATENT ASSIGNEE(S): Mitsubishi Rayon Co., Ltd., Japan; Nitto Chemical Industry Co., Ltd.
 SOURCE: Ger. Offen., 30 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 2925789	A1	19800124	DE 1979-2925789	19790626
DE 2925789	B2	19810514		
DE 2925789	C3	19820325		
JP 55005948	A2	19800117	JP 1978-78092	19780629
JP 61039323	B4	19860903		
GB 2027037	A	19800213	GB 1979-22220	19790626
GB 2027037	B2	19821103		
US 4247437	A	19810127	US 1979-52662	19790627

PRIORITY APPLN. INFO.: JP 1978-78092 19780629

AB Large acrylamide polymer-based hydrogel blocks are rapidly cooled and **granulated** immediately after polymn. by blowing air across them after placement at one end of a container having a twin screw conveyer running along its length at the bottom; the bottom of the container is open at the other end so that **granulated** product may drop out. Lubricants or tack-reducing agents in the form of **polyethylene** glycol [25322-68-3], polypropylene glycol (I) [25322-69-4], I glycerol ether (3:1) [25791-96-2], or fatty acid or its alkali metal salts may be used. Thus, a 1500-kg polyacrylamide [9003-05-8] hydrogel block at 95.degree. (obtained from a 23% aq. monomer soln.) was added to one side of a twin-screw (8.6 rpm) app. with air blowing (20-2 m/s) from above on that side and exiting through the bottom on the other side; after 35 min the av. polymer temp. had dropped to <70.degree..

IT 25322-68-3 25791-96-2

RL: USES (Uses)

(in prevention of adhesion during cooling and size redn. of acrylamide polymer hydrogels)

L19 ANSWER 17 OF 19 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1980:59643 HCAPLUS
 DOCUMENT NUMBER: 92:59643
 TITLE: Poly(urethane silicate) cellular solid/solid products
 INVENTOR(S): Blount, David H.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S., 7 pp. Cont.-in-part of U.S. 4,097,424.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 55
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4159369	A	19790626	US 1978-884135	19780307
US 4072637	A	19780207	US 1975-599000	19750707
US 4097424	A	19780627	US 1976-663924	19760304
US 4226982	A	19801007	US 1979-13139	19790221
US 4283311	A	19810811	US 1980-134975	19800328
AU 8167785	A1	19811126	AU 1981-67785	19800428
EP 50622	A1	19820505	EP 1981-900349	19800428
R: FR				
EP 55256	A1	19820707	EP 1981-900762	19800626
R: FR				
US 4316745	A	19820223	US 1980-221432	19801230
US 4328136	A	19820504	US 1981-275827	19810622
US 4324864	A	19820413	US 1981-277994	19810626
US 4323494	A	19820406	US 1981-278089	19810629
PRIORITY APPLN. INFO.:		US 1970-71628	19700911	
		US 1972-262485	19720614	

US 1975-599000	19750707
US 1976-663924	19760304
US 1978-884135	19780307
US 1979-13139	19790221
WO 1980-US487	19800428
WO 1980-US845	19800626
US 1980-169973	19800718
US 1980-221432	19801230

AB Solid, rigid foamed products are prep'd. by treating a urethane prepolymer with an oxidized Si compd. and curing with a catalyst, e.g. water. Thus, 2 parts TDI and 2 parts polyethylene glycol are mixed to give an isocyanate-terminated liq. prepolymer [9042-77-7]. One part **granular** hydrated SiO₂ was added to 2 parts prepolymer and the mixt. was heated 10-30 min at 40-80.degree. to give a poly(urethane silicate) prepolymer. About 0.2 part water was added, and the mixt. expanded 3-12 times to give a semirigid cellular solid.

IT 9042-77-7DP, reaction products with silica or silicates
 9057-91-4DP, reaction products with silica and silicates
 RL: PEP (Physical, engineering or chemical process); PREP (Preparation);
 PROC (Process)
 (cellular, manuf. of)

L19 ANSWER 18 OF 19 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1979:492769 HCPLUS
 DOCUMENT NUMBER: 91:92769
 TITLE: Organic hydroxy silicates utilized as curing agents for polyurethane prepolymers
 INVENTOR(S): Blount, David H.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S., 9 pp. Cont.-in-part of U.S. 4,097,424.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 55
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4153768	A	19790508	US 1977-852846	19771118
US 4072637	A	19780207	US 1975-599000	19750707
US 4097424	A	19780627	US 1976-663924	19760304
AU 8167785	A1	19811126	AU 1981-67785	19800428
EP 50622	A1	19820505	EP 1981-900349	19800428
R: FR				
EP 55256	A1	19820707	EP 1981-900762	19800626
R: FR				
PRIORITY APPLN. INFO.:			US 1970-71628	19700911
			US 1972-262485	19720614
			US 1975-599000	19750707
			US 1976-663924	19760304
			WO 1980-US487	19800428
			WO 1980-US845	19800626

AB Urethane prepolymers are cured to elastomers or cellular products by adding 0.5-6 parts liq. isocyanate-terminated urethane prepolymer to a mixt. of 1 part partly polymeric org. hydroxy silicate and 1toreq.1 part water. Thus, a mixt. of 1 part hydrated silica, 1.5 parts propylene glycol, and 10% Na₂CO₃ was stirred for 30-90 min at just below the b.p. to give brown **granules** of partially polymd. propylene glycol silicate (I) [71060-96-3]. A 70:30 poly(ethylene-propylene adipate) of

mol. wt. 2000-2200 was treated with TDI to produce a urethane prepolymer (II) [9063-78-9] with NCO content apprxeq.3.5%. A mixt. of 4 parts II and 1 part aq. I (40% water) was gently agitated 5-15 min at ambient temp. and pressure and allowed to cure for 12-24 h to produce a white, tough elastomer.

IT 9042-77-7
 RL: USES (Uses)
 (cellular, crosslinking agents for, org. hydroxy silicates as)

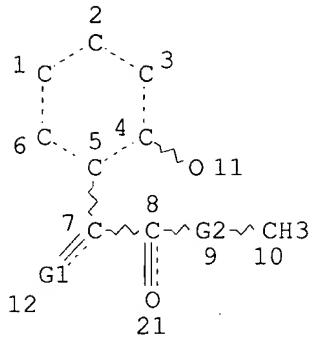
IT 9057-91-4
 RL: USES (Uses)
 (rubber, vulcanizing agents for, org. hydroxy silicates as)

L19 ANSWER 19 OF 19 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1976:165907 HCAPLUS
 DOCUMENT NUMBER: 84:165907
 TITLE: Polyolefin blend as carrier and wetting agent for hazardous rubber compounding additives
 AUTHOR(S): Anon.
 CORPORATE SOURCE: Engl.
 SOURCE: Res. Discl. (1976), 143, 4
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Blends of amorphous polypropylene [9003-07-0], polyethylene [9002-88-4] wax, and optionally paraffin wax were used as a carrier and wetting agent for granular CaO [1305-78-8] for safe handling in compounding rubber.

IT 9002-88-4
 RL: USES (Uses)
 (carrier, for calcium oxide, for rubber compounding)

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L1 6953 SEA FILE=REGISTRY ABB=ON PLU=ON POLYETHYLEN?
 L2 18 SEA FILE=REGISTRY ABB=ON PLU=ON L1 AND WAX?
 L3 10 SEA FILE=REGISTRY ABB=ON PLU=ON POLYPROPYLENE OXIDE?/CN OR POLYPROPYLENEOXIDE?
 L4 815 SEA FILE=REGISTRY ABB=ON PLU=ON WAX?
 L5 204552 SEA FILE=HCAPLUS ABB=ON PLU=ON L2 OR (L1 OR ?POLYETHYLEN?) (5A) (L4 OR WAX?)
 L6 4957 SEA FILE=HCAPLUS ABB=ON PLU=ON L3 OR POLYPROPYLENE(2A)OXIDE?
 OR POLYPROPYLENEOXIDE?
 L13 909 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND L6
 L14 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L13 AND (?CIDE? OR ?CIDAL? OR ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT?)
 L15 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L14 AND GRANU?
 L16 4537 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND GRANU?
 L17 22 SEA FILE=HCAPLUS ABB=ON PLU=ON L16 AND L6
 L18 22 SEA FILE=HCAPLUS ABB=ON PLU=ON L15 OR L17
 L19 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L18 NOT GRANULOCYTE?
 L23 STR

N~~O~~CH3
@13 14 15CH^O~~CH3
@16 17 18CH^CH3
@19 20

VAR G1=13/16/19

VAR G2=O/NH

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE

L40 1761 SEA FILE=REGISTRY SSS FUL L23
 L41 26 SEA FILE=REGISTRY ABB=ON PLU=ON STROBILURIN/BI
 L42 1942 SEA FILE=REGISTRY ABB=ON PLU=ON AZOLE?
 L44 354830 SEA FILE=HCAPLUS ABB=ON PLU=ON L40 OR L41 OR L42 OR LR3 OR
 ?STROBILURIN? OR ?AZOLE? OR ?SALICYLAT?
 L45 31 SEA FILE=HCAPLUS ABB=ON PLU=ON L44 AND (L5 OR COATING(W) POLYM
 ER) AND L6
 L46 30 SEA FILE=HCAPLUS ABB=ON PLU=ON L45 NOT L19
 L47 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L46 AND (?CIDE? OR ?CIDAL? OR
 ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT? OR ?GRANU?)

=> d ibib abs hitrn 147 1-4

L47 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:113540 HCAPLUS
 DOCUMENT NUMBER: 130:187185
 TITLE: Oral pharmaceutical preparation comprising an
 antiulcer activity compound, and a process for its
 production
 INVENTOR(S): Picornell Darder, Carlos
 PATENT ASSIGNEE(S): Intexim, S.A., Spain
 SOURCE: PCT Int. Appl., 45 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Spanish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9906032	A2	19990211	WO 1998-ES204	19980713
WO 9906032	A3	19990812		

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 5746814	A	19980505	US 1997-851564	19970507
AB	The compn. contains a hydrophilic solvent, a polymeric binder (neoprene rubber), a water sol./dispersible paper desizing agent (Alkapol PPG 4000), a water sol./dispersible paper anticurl agent (pantothenol), a defoamer (Surfynol 104S), a biocide [Slime Trol RX31 (methylene bis thiocyanate and dodecyl guanidine hydrochloride mixt.)], an antistatic agent (HX 42-3), a lightfastness promoting agent (UN 3034) and a filler (calcium carbonate).				
IT	9004-74-4 9011-21-6 25322-68-3 25322-68-3D, coco ammonium chlorides 25791-96-2, Glycerol polypropylene glycol ether RL: TEM (Technical or engineered material use); USES (Uses) (decurling compns. for imaged paper sheet)				

L47 ANSWER 3 OF 4 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1998:58851 HCPLUS
 DOCUMENT NUMBER: 128:129353
 TITLE: Coated papers with hydrophobic barrier layers and image receiving coatings
 INVENTOR(S): Malhotra, Shadi L.
 PATENT ASSIGNEE(S): Xerox Corp., USA
 SOURCE: U.S., 20 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 5709976	A	19980120	US 1996-656814	19960603
AB	Coated paper comprises (a) a substrate; (b) a hydrophobic barrier layer comprised of a water insol. component and a water or alc. sol. anticurl agent, the hydrophobic barrier layer being present on both sides of the substrate; (c) image receiving coatings situated on the top of both hydrophobic barrier layers, the image receiving coatings being suitable for receiving images of an aq. ink, the coatings comprising (1) a polymeric binder, (2) a dye fixative, (3) a filler, (4) a lightfastness inducing agent, and (5) a biocide . The coated papers are also suitable for receiving images developed with electrostatic toner compns. where the coatings comprise (1) a polymeric binder, (2) an antistatic agent, (3) a lightfastness inducing agent, (4) a pigment, and (5) an optional biocide .				
IT	25322-68-3 25791-96-2 RL: TEM (Technical or engineered material use); USES (Uses) (coated papers with hydrophobic barrier layers and image receiving coatings)				
IT	9002-88-4, Polyethylene RL: TEM (Technical or engineered material use); USES (Uses) (wax; coated papers with hydrophobic barrier layers and image receiving coatings)				

L47 ANSWER 4 OF 4 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1987:454219 HCPLUS
 DOCUMENT NUMBER: 107:54219

TITLE: Solid **biocide** dry blends for incorporation
 into a thermoplastic resin
 INVENTOR(S): Rei, Nuno M.
 PATENT ASSIGNEE(S): Morton Thiokol, Inc., USA
 SOURCE: U.S., 7 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4663359	A	19870505	US 1986-853083	19860417
US 4661528	A	19870428	US 1986-919403	19861016
US 4686239	A	19870811	US 1986-937810	19861204
PRIORITY APPLN. INFO.:			US 1985-707628	19850304
			US 1986-853083	19860417

AB A compn. is given, comprising a dry blend mixt. of a porous thermoplastic resin powder and 1-80 wt.% **microbicide**, based upon the wt. of the compn. The **microbicide** is present in the mixt. at a concn. .gtoreq.20 times greater than the normal upper usage concn. of the **microbicide**, and is held within the pores of the thermoplastic powder. The resulting conc. is a non-dusting, free-flowing powder, which is readily incorporated into a second thermoplastic resin to produce a resulting article having the appropriate level of microbiode. A mixt. was made a porous PVC resin 65, dioctyl phthalate 20, N-(2-methylnaphthyl)maleimide 12.5, Ca/Zn stabilizer (Mark 538) 0.5, epoxidized soybean oil 1.83, and stearic acid 0.17% by wt. The mixt. was mixed until a drop temp. of 180.degree.F was obtained. The product was a free-flowing non-dusting powder. The powder was blended with a 2nd thermoplastic resin by conventional means.

IT 9002-88-4, **Polyethylene**

RL: BIOL (Biological study)
 (microbicide-contg. powder of)

IT 148-79-8D, Metasol TK-100, mixts. with porous thermoplastic resin powder

RL: BIOL (Biological study)
 (solid **microbical** compns. contg.)

=> d stat que 154 nos

L1	6953	SEA FILE=REGISTRY ABB=ON	PLU=ON	POLYETHYLEN?
L2	18	SEA FILE=REGISTRY ABB=ON	PLU=ON	L1 AND WAX?
L3	10	SEA FILE=REGISTRY ABB=ON	PLU=ON	POLYPROPYLENE OXIDE?/CN OR POLYPROPYLENEOXIDE?
L4	815	SEA FILE=REGISTRY ABB=ON	PLU=ON	WAX?
L5	204552	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L2 OR (L1 OR ?POLYETHYLEN?) (5A) (L4 OR WAX?)
L6	4957	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L3 OR POLYPROPYLENE(2A)OXIDE? OR POLYPROPYLENEOXIDE?
L13	909	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L5 AND L6
L14	19	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L13 AND (?CIDE? OR ?CIDAL? OR ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT?)
L15	4	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L14 AND GRANU?
L16	4537	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L5 AND GRANU?
L17	22	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L16 AND L6
L18	22	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L15 OR L17
L19	19	SEA FILE=HCAPLUS ABB=ON	PLU=ON	L18 NOT GRANULOCYTE?

L23 STR
 L40 1761 SEA FILE=REGISTRY SSS FUL L23
 L41 26 SEA FILE=REGISTRY ABB=ON PLU=ON STROBILURIN/BI
 L42 1942 SEA FILE=REGISTRY ABB=ON PLU=ON AZOLE?
 L44 354830 SEA FILE=HCAPLUS ABB=ON PLU=ON L40 OR L41 OR L42 OR LR3 OR
 ?STROBILURIN? OR ?AZOLE? OR ?SALICYLAT?
 L45 31 SEA FILE=HCAPLUS ABB=ON PLU=ON L44 AND (L5 OR COATING(W) POLYM
 ER) AND L6
 L46 30 SEA FILE=HCAPLUS ABB=ON PLU=ON L45 NOT L19
 L47 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L46 AND (?CIDE? OR ?CIDAL? OR
 ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT? OR ?GRANU?)
 L48 7387 SEA FILE=HCAPLUS ABB=ON PLU=ON (CR OR CONTROL?(2A) RELEAS?) (L)
 ?GRANU?
 L49 168 SEA FILE=HCAPLUS ABB=ON PLU=ON L48 AND SOIL
 L50 168 SEA FILE=HCAPLUS ABB=ON PLU=ON L49 AND (?CIDE? OR ?CIDAL? OR
 ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT? OR ?GRANU?)
 L51 35 SEA FILE=HCAPLUS ABB=ON PLU=ON L50 AND (?POLYMER? OR L5 OR
 L6)
 L52 35 SEA FILE=HCAPLUS ABB=ON PLU=ON L51 NOT (L19 OR L47)
 L53 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L52 AND (ABRAS? OR MICROPOR?
 OR FLUID? OR HEAT? OR KJ)
 L54 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L53 AND L44

=> d ibib abs hitrn 154 1

L54 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2000:116848 HCAPLUS
 DOCUMENT NUMBER: 132:133636
 TITLE: **Controlled-release**
pesticide-coated granules for
application to soil
 INVENTOR(S): Stadler, Reinhold; Kober, Reiner; Schneider,
 Karl-heinrich; Saur, Reinhold; Bayer, Herbert; Kolter,
 Karl; Seufert, Michael
 PATENT ASSIGNEE(S): BASG A.-G., Germany
 SOURCE: PCT Int. Appl., 65 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000007443	A1	20000217	WO 1999-EP5407	19990728
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HR, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9953720	A1	20000228	AU 1999-53720	19990728
BR 9912764	A	20010515	BR 1999-12764	19990728
EP 1102533	A1	20010530	EP 1999-939411	19990728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			DE 1998-19835218 A	19980805
			DE 1998-19846893 A	19981013
			WO 1999-EP5407 W	19990728

FILE 'REGISTRY' ENTERED AT 15:28:24 ON 30 JUN 2002
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STRUCTURE FILE UPDATES: 28 JUN 2002 HIGHEST RN 435268-39-6
 DICTIONARY FILE UPDATES: 28 JUN 2002 HIGHEST RN 435268-39-6

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
 for more information. See STNote 27, Searching Properties in the CAS
 Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d his 172

(FILE 'HCAPLUS' ENTERED AT 15:25:35 ON 30 JUN 2002)

FILE 'REGISTRY' ENTERED AT 15:28:24 ON 30 JUN 2002
 L72 34 S L65 NOT L69

=> d ide can 172 1-34

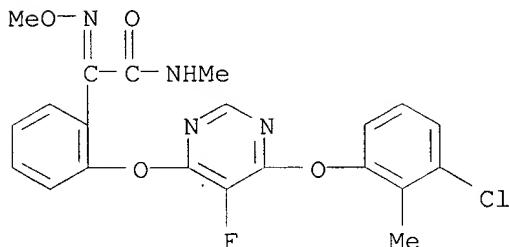
L72 ANSWER 1 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 373367-01-2 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with
 2-[[6-(3-chloro-2-methylphenoxy)-5-fluoro-4-pyrimidinyl]oxy]-.alpha.-
 (methoxyimino)-N-methylbenzeneacetamide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzeneacetamide, 2-[[6-(3-chloro-2-methylphenoxy)-5-fluoro-4-pyrimidinyl]oxy]-.alpha.-
 (methoxyimino)-N-methyl-, mixt. contg. (9CI)
 MF C21 H18 Cl F N4 O4 . C18 H26 N4 O5
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS

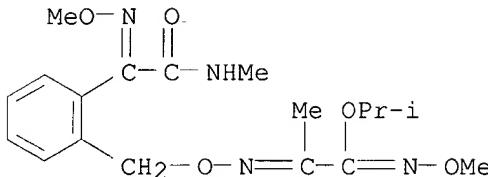
CM 1

CRN 345206-00-0
 CMF C21 H18 Cl F N4 O4



CM 2

CRN 198758-59-7
CMF C18 H26 N4 05



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:354166

L72 ANSWER 2 OF 34 REGISTRY COPYRIGHT 2002 ACS
RN 251579-01-8 REGISTRY

RN 251579-01-0 REGISTRY
CN Benzeneacetic acid, .alpha.- (methoxyimino)-2-[[[[1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, mixt. with 1-methylpropyl N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]propanimidate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. contg. (9CI)

MF C20 H19 F3 N2 O4 . C19 H28 N4 O5

CI. MXS

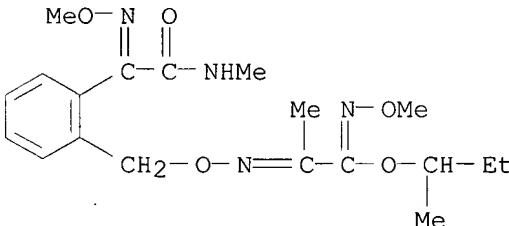
SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

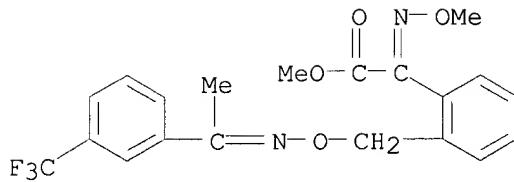
CRN 198758-61-1

CMF C19 H28 N4 O5



CM 2

CRN 139485-98-6
CMF C20 H19 F3 N2 O4



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:9933

L72 ANSWER 3 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 251579-00-7 REGISTRY

CN Benzeneacetic acid, .alpha.- (methoxyimino)-2-[[[[1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, mixt. with 1-methylethyl N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]propanimidate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. contg. (9CI)

MF C20 H19 F3 N2 O4 . C18 H26 N4 O5

CI MXS

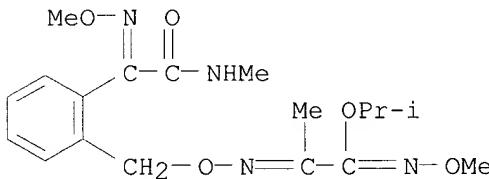
SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

CRN 198758-59-7

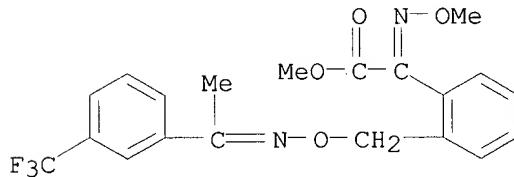
CMF C18 H26 N4 O5



CM 2

CRN 139485-98-6

CMF C20 H19 F3 N2 O4



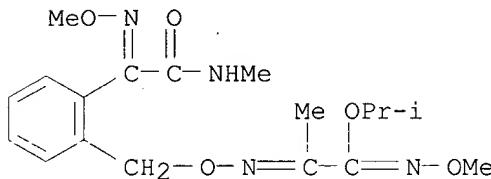
1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:9933

L72 ANSWER 4 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 217178-98-8 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with 2-[(2,5-dimethylphenoxy)methyl]-.alpha.- (methoxyimino)-N-methylbenzeneacetamide and tridemorph (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzeneacetamide, 2-[(2,5-dimethylphenoxy)methyl]-.alpha.- (methoxyimino)-N-methyl-, mixt. contg. (9CI)
 CN Tridemorph, mixt. contg. (9CI)
 MF C19 H22 N2 O3 . C18 H26 N4 O5 . Unspecified
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

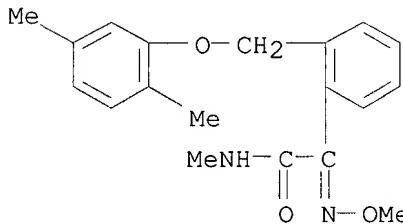
CM 1

CRN 198758-59-7
 CMF C18 H26 N4 O5



CM 2

CRN 145451-07-6
 CMF C19 H22 N2 O3



CM 3

CRN 81412-43-3
 CMF Unspecified
 CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:48708

L72 ANSWER 5 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 217178-97-7 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with methyl [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxycarbamate and tridemorph (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. contg. (9CI)

CN Tridemorph, mixt. contg. (9CI)

MF C19 H18 Cl N3 O4 . C18 H26 N4 O5 . Unspecified

CI MXS

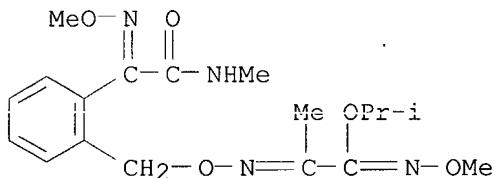
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-59-7

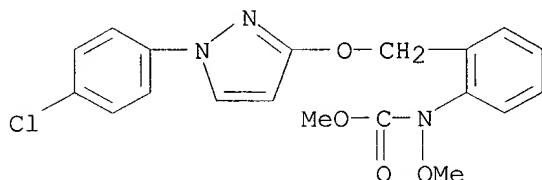
CMF C18 H26 N4 O5



CM 2

CRN 175013-18-0

CMF C19 H18 Cl N3 O4



CM 3

CRN 81412-43-3

CMF Unspecified

CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:48708

L72 ANSWER 6 OF 34 REGISTRY COPYRIGHT 2002 ACS

BN 204187-59-7 REGISTRY

RN 20417-39-7 REGISTRY
CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. with [S-(R*,S*)]-1-methylethyl [2-methyl-1-[[[1-(2-naphthalenyl)ethyl]amino]carbonyl]propyl]carbamate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Carbamic acid, [2-methyl-1-[[[1-(2-naphthalenyl)ethyl]amino]carbonyl]propyl], 1-methylethyl ester, [S-(R*,S*)]-, mixt. contg. (9CI)

ES STEREOSEARCH

PS STEREOSEARCH
MF C21 H28 N2 O3 . C19 H28 N4 O5

MF CZT
CT MYS

CL MA
SB CA

SR CA
LG CM

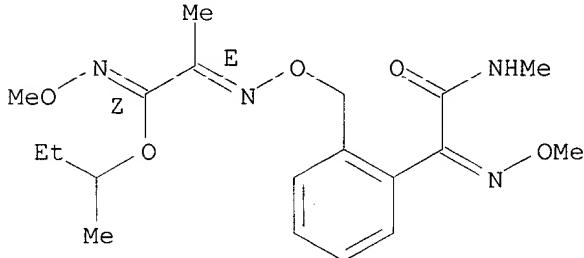
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 204187-58-6

CME C19 H28 N4 05

Double bond geometry as described by E or Z.

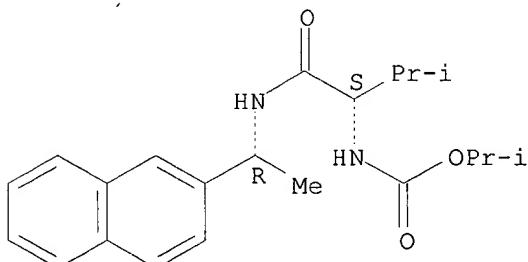


CM 2

CRN 188682-62-4

CMF C21 H28 N2 O3

Absolute stereochemistry.

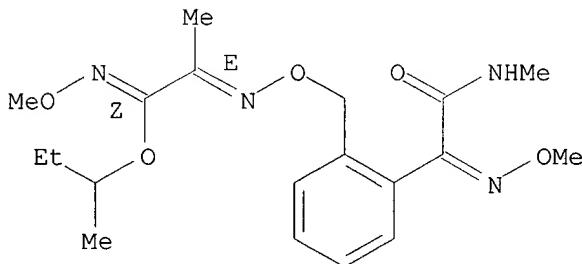


1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:214435

L72 ANSWER 7 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 204187-58-6 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, (1Z,2E)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C19 H28 N4 O5
 CI COM
 SR CA

Double bond geometry as described by E or Z.

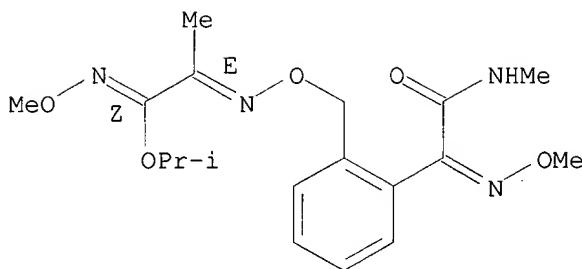


I.72 ANSWER 8 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 204187-57-5 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with [S-(R*,S*)]-1-methylethyl [2-methyl-1-[[1-(2-naphthalenyl)ethyl]amino]carbonyl]propyl carbamate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Carbamic acid, [2-methyl-1-[[1-(2-naphthalenyl)ethyl]amino]carbonyl]propyl-, 1-methylethyl ester, [S-(R*,S*)]-, mixt. contg. (9CI)
 FS STEREOSEARCH
 MF C21 H28 N2 O3 . C18 H26 N4 O5
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 204187-56-4
 CMF C18 H26 N4 O5

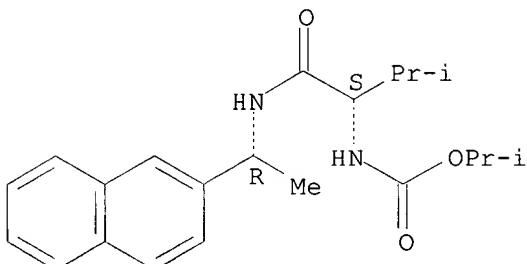
Double bond geometry as described by E or Z.



CM 2

CRN 188682-62-4
CMF C21 H28 N2 O3

Absolute stereochemistry.

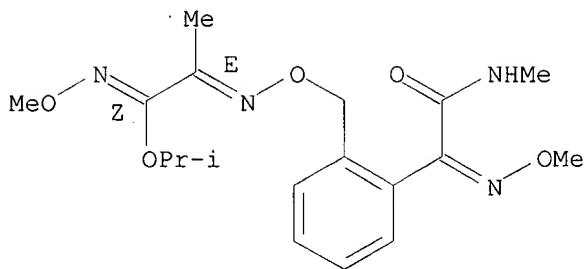


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:214435

L72 ANSWER 9 OF 34 REGISTRY COPYRIGHT 2002 ACS
RN 204187-56-4 REGISTRY
CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, (1Z,2E)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C18 H26 N4 O5
CI COM
SR CA

Double bond geometry as described by E or Z.



L72 ANSWER 10 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198956-79-5 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. with 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-1,2,4-Triazole, 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-, mixt. contg. (9CI)

MF C19 H28 N4 O5 . C15 H17 Cl2 N3 O2

CI MXS

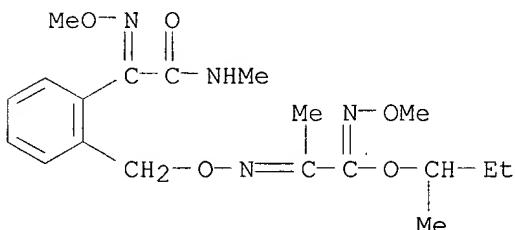
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

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CRN 198758-61-1

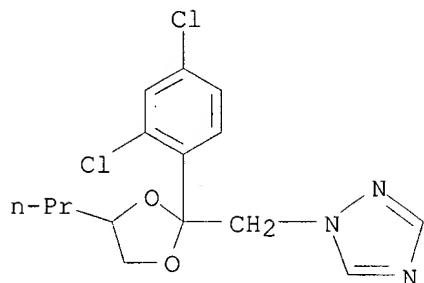
CMF C19 H28 N4 O5



CM 2

CRN 60207-90-1

CMF C15 H17 Cl2 N3 O2



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11108

L72 ANSWER 11 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198956-78-4 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl)methoxy]imino]-, 1-methylpropyl ester, mixt. with .alpha.-butyl-.alpha.-(2,4-dichlorophenyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-1,2,4-Triazole-1-ethanol, .alpha.-butyl-.alpha.-(2,4-dichlorophenyl)-, mixt. contg. (9CI)

MF C19 H28 N4 O5 . C14 H17 Cl2 N3 O

CI MXS

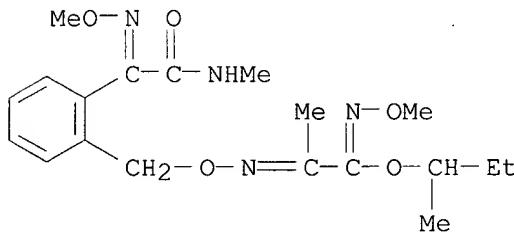
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LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-61-1

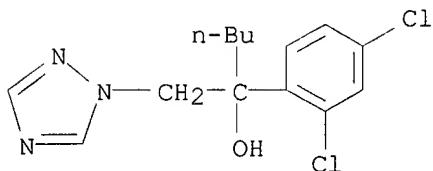
CMF C19 H28 N4 O5



CM 2

CRN 79983-71-4

CMF C14 H17 Cl2 N3 O



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11108

L72 ANSWER 12 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198956-77-3 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. with 1-[[bis(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-1,2,4-Triazole, 1-[[bis(4-fluorophenyl)methylsilyl]methyl]-, mixt.
contg. (9CI)

MF C19 H28 N4 O5 . C16 H15 F2 N3 Si

CI MXS

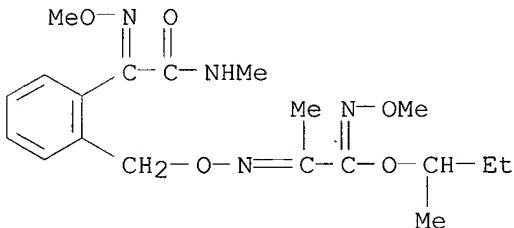
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-61-1

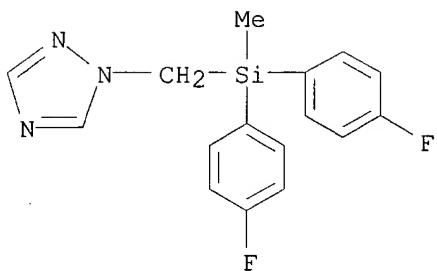
CMF C19 H28 N4 O5



CM 2

CRN 85509-19-9

CMF C16 H15 F2 N3 Si



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11108

L72 ANSWER 13 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198956-76-2 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-1,2,4-Triazole, 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-, mixt. contg. (9CI)

MF C18 H26 N4 O5 . C15 H17 Cl2 N3 O2

CI MXS

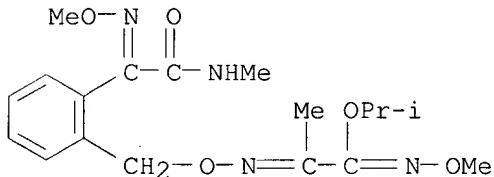
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-59-7

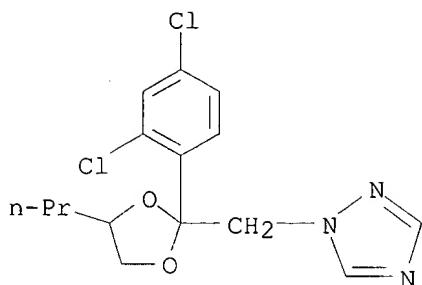
CMF C18 H26 N4 O5



CM 2

CRN 60207-90-1

CMF C15 H17 Cl2 N3 O2



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11108

L72 ANSWER 14 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198956-75-1 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with .alpha.-butyl-.alpha.-(2,4-dichlorophenyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-1,2,4-Triazole-1-ethanol, .alpha.-butyl-.alpha.-(2,4-dichlorophenyl)-, mixt. contg. (9CI)

MF C18 H26 N4 O5 . C14 H17 Cl2 N3 O

CI MXS

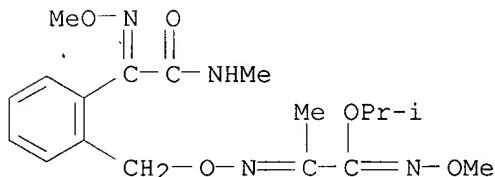
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-59-7

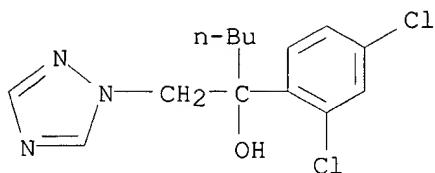
CMF C18 H26 N4 O5



CM 2

CRN 79983-71-4

CMF C14 H17 Cl2 N3 O



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11108

L72 ANSWER 15 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198956-74-0 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with 1-[[bis(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-1,2,4-Triazole, 1-[[bis(4-fluorophenyl)methylsilyl]methyl]-, mixt. contg. (9CI)

MF C18 H26 N4 O5 . C16 H15 F2 N3 Si

CI MXS

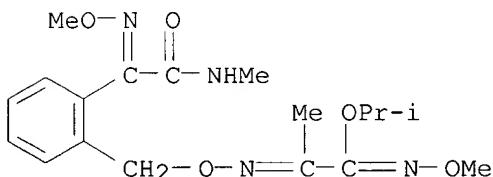
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-59-7

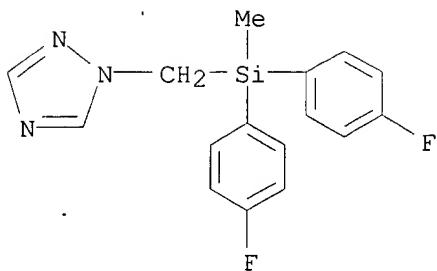
CMF C18 H26 N4 O5



CM 2

CRN 85509-19-9

CMF C16 H15 F2 N3 Si



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11108

L72 ANSWER 16 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198956-73-9 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with 2-[(2,5-dimethylphenoxy)methyl]-.alpha.- (methoxyimino)-N-methylbenzeneacetamide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzeneacetamide, 2-[(2,5-dimethylphenoxy)methyl]-.alpha.- (methoxyimino)-N-methyl-, mixt. contg. (9CI)

MF C19 H22 N2 O3 . C18 H26 N4 O5

CI MXS

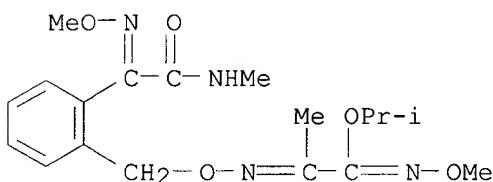
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LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-59-7

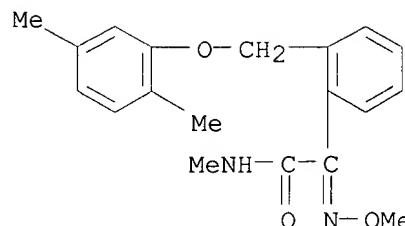
CMF C18 H26 N4 O5



CM 2

CRN 145451-07-6

CMF C19 H22 N2 O3



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11108

L72 ANSWER 17 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198956-72-8 REGISTRY

CN Benzeneacetic acid, .alpha.- (methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, mixt. with 1-methylethyl N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]propanimidate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. contg. (9CI)

MF C18 H26 N4 O5 . C18 H19 N O4

CI MXS

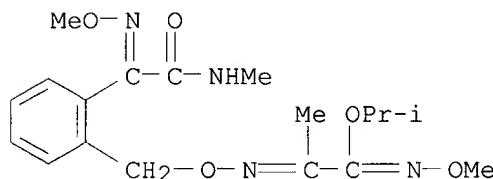
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-59-7

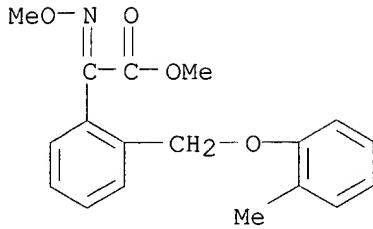
CMF C18 H26 N4 O5



CM 2

CRN 144167-04-4

CMF C18 H19 N O4



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11108

L72 ANSWER 18 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198884-09-2 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methoxyimino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. with propyl [3-(dimethylamino)propyl]carbamate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Carbamic acid, [3-(dimethylamino)propyl]-, propyl ester, mixt. contg. (9CI)

MF C19 H28 N4 O5 . C9 H20 N2 O2

CI MXS

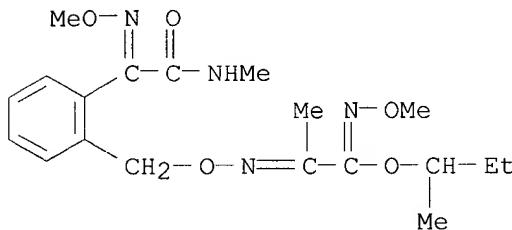
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-61-1

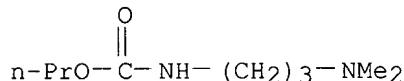
CMF C19 H28 N4 O5



CM 2

CRN 24579-73-5

CMF C9 H20 N2 O2



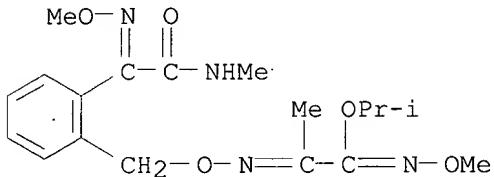
1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11109

L72 ANSWER 19 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 198884-07-0 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with propyl [3-(dimethylamino)propyl]carbamate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Carbamic acid, [3-(dimethylamino)propyl]-, propyl ester, mixt. contg. (9CI)
 MF C18 H26 N4 O5 . C9 H20 N2 O2
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

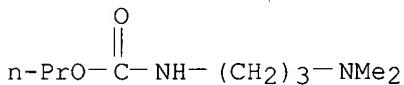
CM 1

CRN 198758-59-7
 CMF C18 H26 N4 O5



CM 2

CRN 24579-73-5
 CMF C9 H20 N2 O2

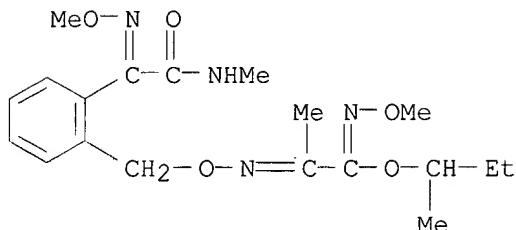


1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

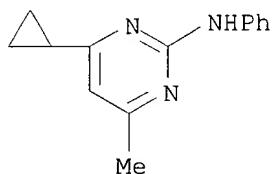
REFERENCE 1: 128:11109

L72 ANSWER 20 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 198881-12-8 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. with 4-cyclopropyl-6-methyl-N-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2-Pyrimidinamine, 4-cyclopropyl-6-methyl-N-phenyl-, mixt. contg. (9CI)
 MF C19 H28 N4 O5 . C14 H15 N3
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-61-1
CMF C19 H28 N4 O5

CM 2

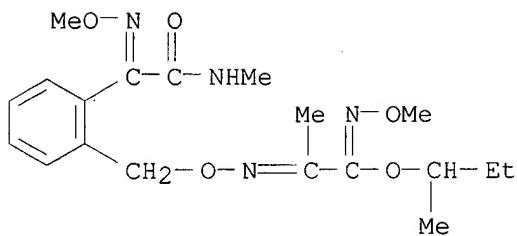
CRN 121552-61-2
CMF C14 H15 N31 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11110

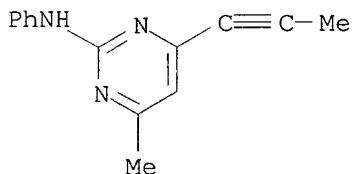
L72 ANSWER 21 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 198881-11-7 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. with 4-methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2-Pyrimidinamine, 4-methyl-N-phenyl-6-(1-propynyl)-, mixt. contg. (9CI)
 MF C19 H28 N4 O5 . C14 H13 N3
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-61-1
CMF C19 H28 N4 O5



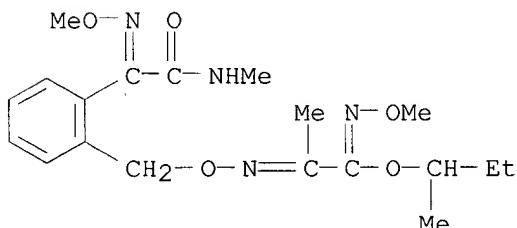
CM 2

CRN 110235-47-7
CMF C14 H13 N31 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11110

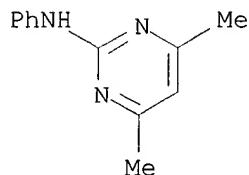
L72 ANSWER 22 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 198881-10-6 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. with 4,6-dimethyl-N-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2-Pyrimidinamine, 4,6-dimethyl-N-phenyl-, mixt. contg. (9CI)
 MF C19 H28 N4 O5 . C12 H13 N3
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-61-1
CMF C19 H28 N4 O5

CM 2

CRN 53112-28-0
CMF C12 H13 N3



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11110

L72 ANSWER 23 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198881-09-3 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with 4-cyclopropyl-6-methyl-N-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Pyrimidinamine, 4-cyclopropyl-6-methyl-N-phenyl-, mixt. contg. (9CI)

MF C18 H26 N4 O5 . C14 H15 N3

CI MXS

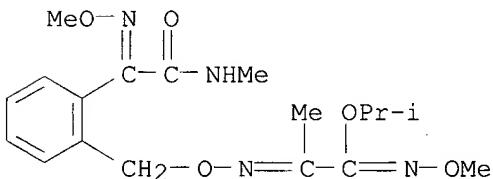
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

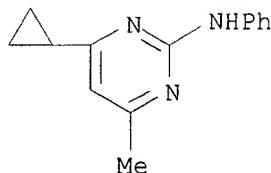
CRN 198758-59-7

CMF C18 H26 N4 O5



CM 2

CRN 121552-61-2
CMF C14 H15 N3



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11110

L72 ANSWER 24 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198881-08-2 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with 4-methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Pyrimidinamine, 4-methyl-N-phenyl-6-(1-propynyl)-, mixt. contg. (9CI)

MF C18 H26 N4 O5 . C14 H13 N3

CT MXS

SR CA

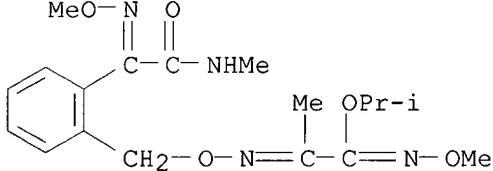
SR
LC

EC SIN FILES. CA, CARLOS, STRATFOB

CM 1

CRN 198758-59-7
CME C18 H36 N4

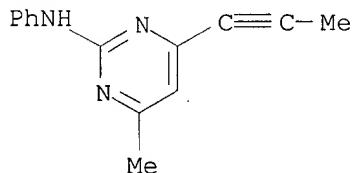
CMF C18 H26 N4 O5



CM 2

CRN 110235-47-7

CMF C14 H13 N3



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11110

L72 ANSWER 25 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198881-07-1 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with 4,6-dimethyl-N-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Pyrimidinamine, 4,6-dimethyl-N-phenyl-, mixt. contg. (9CI)

MF C18 H26 N4 O5 . C12 H13 N3

CI MXS

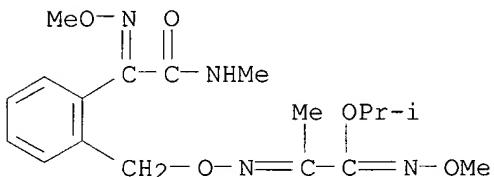
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-59-7

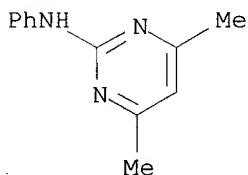
CMF C18 H26 N4 O5



CM 2

CRN 53112-28-0

CMF C12 H13 N3



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:11110

L72 ANSWER 26 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198758-63-3 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with 1-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]piperidine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

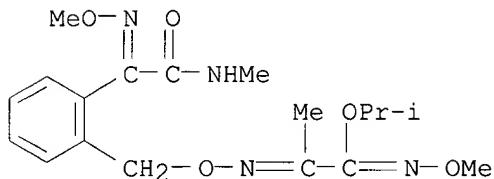
CN Piperidine, 1-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]-, mixt. contg. (9CI)

MF C19 H31 N . C18 H26 N4 O5

CI MXS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

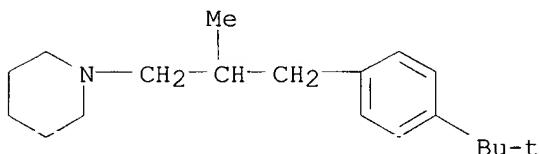
CM 1

CRN 198758-59-7
 CMF C18 H26 N4 O5



CM 2

CRN 67306-00-7
 CMF C19 H31 N



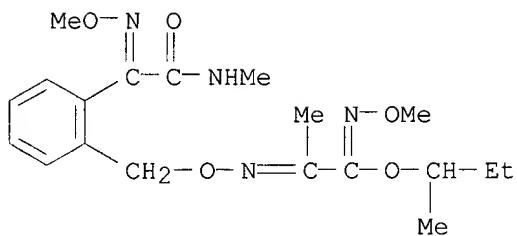
1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:1202

L72 ANSWER 27 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 198758-62-2 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, mixt. with 2,6-dimethyl-4-tridecylmorpholine (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Morpholine, 2,6-dimethyl-4-tridecyl-, mixt. contg. (9CI)
 MF C19 H39 N O . C19 H28 N4 O5
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

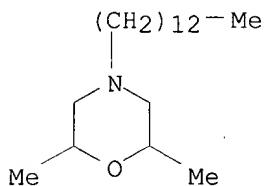
CRN 198758-61-1
 CMF C19 H28 N4 O5



CM 2

CRN 24602-86-6

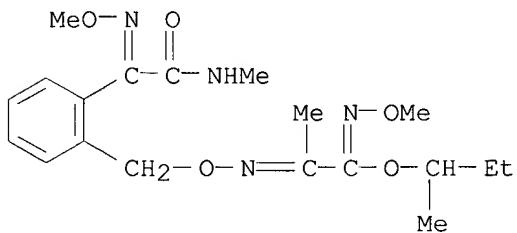
CMF C19 H39 N O



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:1202

L72 ANSWER 28 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 198758-61-1 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H28 N4 O5
 CI COM
 SR CA



L72 ANSWER 29 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 198758-60-0 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, mixt. with rel-(2R,6S)-4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]-2,6-

dimethylmorpholine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Morpholine, 4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]-2,6-dimethyl-, (2R,6S)-rel-, mixt. contg. (9CI)

FS STEREOSEARCH

MF C20 H33 N O . C18 H26 N4 O5

CI MXS

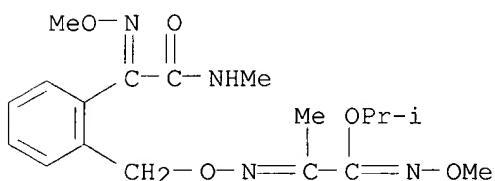
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 198758-59-7

CMF C18 H26 N4 O5

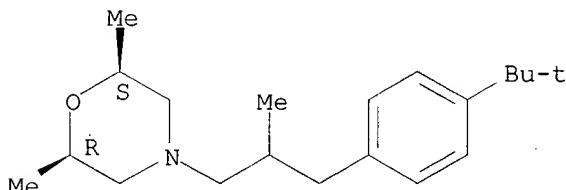


CM 2

CRN 67564-91-4

CMF C20 H33 N O

Relative stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:1202

L72 ANSWER 30 OF 34 REGISTRY COPYRIGHT 2002 ACS

RN 198758-59-7 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

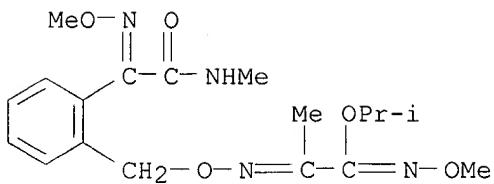
FS 3D CONCORD

MF C18 H26 N4 O5

CI COM

SR CA

LC STN Files: CA, CAPLUS

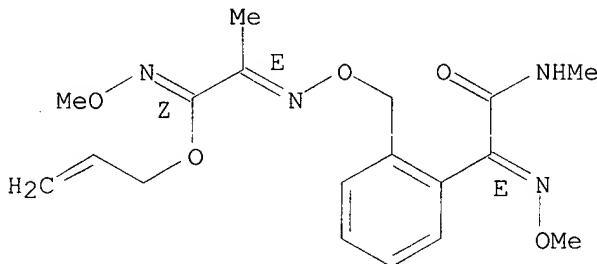


1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:299954

L72 ANSWER 31 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 187805-71-6 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 2-propenyl ester (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C18 H24 N4 O5
 SR CA
 LC STN Files: CA, CAPLUS

Double bond geometry as shown.



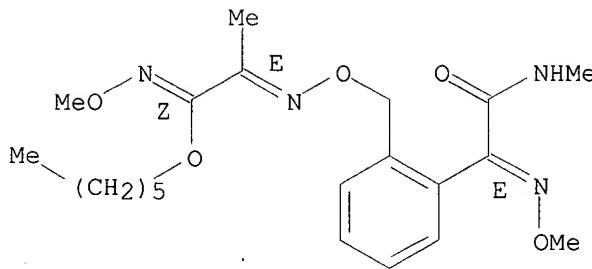
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 126:199346

L72 ANSWER 32 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 187805-70-5 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, hexyl ester (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C21 H32 N4 O5
 SR CA
 LC STN Files: CA, CAPLUS

Double bond geometry as shown.



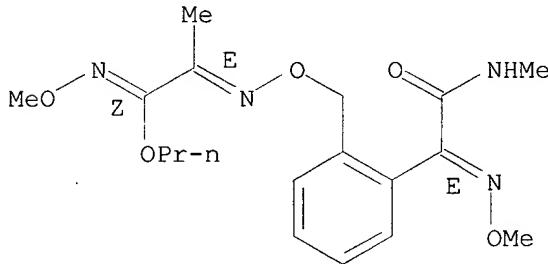
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 126:199346

L72 ANSWER 33 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 187805-68-1 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, propyl ester (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C18 H26 N4 O5
 SR CA
 LC STN Files: CA, CAPLUS

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

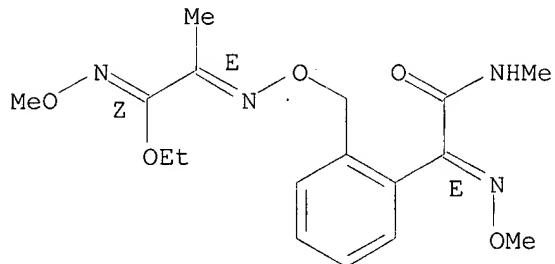
1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 126:199346

L72 ANSWER 34 OF 34 REGISTRY COPYRIGHT 2002 ACS
 RN 187805-62-5 REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, ethyl ester (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C17 H24 N4 O5
 SR CA

LC STN Files: CA, CAPLUS

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 126:199346

OTHER SOURCE(S): MARPAT 132:133636

AB The title **granules** are obtained by depositing a coating contg. active ingredients onto a solid carrier on a **fluidized** bed. the. The **granules** are fertilizers, sand, limestone, paper pulp, etc. The coating consists of **pesticides** incorporated into **polymers**.

IT 126572-77-8D, **Strobilurine**, derivs.
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (fungicide in **controlled-release** coated **granules** for application to **soil**)

IT 133855-98-8
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (pesticide in **controlled-release** coated **granules** for application to **soil**)

IT 9002-88-4, **Polyethylene**
 RL: MOA (Modifier or additive use); USES (Uses)
 (wax emulsions; **pesticide** matrix in **controlled-release** coated **granules** for application to **soil**)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> select hit rn 154 1
 E1 THROUGH E3 ASSIGNED

=> fil reg
 FILE 'REGISTRY' ENTERED AT 15:13:32 ON 30 JUN 2002
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 28 JUN 2002 HIGHEST RN 435268-39-6
 DICTIONARY FILE UPDATES: 28 JUN 2002 HIGHEST RN 435268-39-6

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

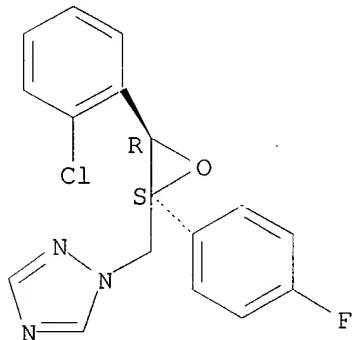
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 (126572-77-8/RN)
 1 133855-98-8/BI
 (133855-98-8/RN)
 1 9002-88-4/BI
 (9002-88-4/RN)
 L55 3 (126572-77-8/BI OR 133855-98-8/BI OR 9002-88-4/BI)

=> d ide can 155 1-3

L55 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS

RN 133855-98-8 REGISTRY
 CN 1H-1,2,4-Triazole, 1-[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl-, rel- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1H-1,2,4-Triazole, 1-[(3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl)methyl]-, cis-(.+-.)-
 OTHER NAMES:
 CN BAS 480F
 CN Epoxiconazole
 CN Opus
 FS STEREOSEARCH
 DR 106325-08-0, 205862-63-1
 MF C17 H13 Cl F N3 O
 CI COM
 SR CA
 LC STN Files: AGRICOLA, BIOPHARMA, BIOSIS, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, MEDLINE, MRCK*, PROMT, SPECINFO, TOXCENTER, ULIDAT, USPATFULL
 (*File contains numerically searchable property data)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

149 REFERENCES IN FILE CA (1967 TO DATE)
 35 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 150 REFERENCES IN FILE CAPLUS (1967 TO DATE)

- REFERENCE 1: 136:390481
- REFERENCE 2: 136:385171
- REFERENCE 3: 136:351622
- REFERENCE 4: 136:330121
- REFERENCE 5: 136:329815
- REFERENCE 6: 136:305531
- REFERENCE 7: 136:262026

REFERENCE 8: 136:228374

REFERENCE 9: 136:195643

REFERENCE 10: 136:49551

L55 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS

RN 126572-77-8 REGISTRY

CN 3,5-Hexadienoic acid, 6-[(2'R,2S)-5',5'-dimethyl-2'-(2-methyl-1-propenyl)spiro[1,4-benzodioxin-2(3H),4'-[1,3]dioxolan]-7-yl]-2-(methoxymethylene)-3-methyl-, methyl ester, (2E,3Z,5E)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 3,5-Hexadienoic acid, 6-[5',5'-dimethyl-2'-(2-methyl-1-propenyl)spiro[1,4-benzodioxin-2(3H),4'-[1,3]dioxolan]-7-yl]-2-(methoxymethylene)-3-methyl-, methyl ester, [2'.alpha.,4'.beta.-(2E,3Z,5E)]-

CN Spiro[1,4-benzodioxin-2(3H),4'-[1,3]dioxolane], 3,5-hexadienoic acid deriv.

OTHER NAMES:

CN Strobilurin E

FS STEREOSEARCH

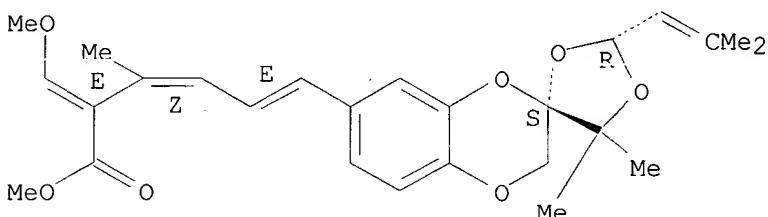
MF C26 H32 O7

SR CA

LC STN Files: BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAPLUS, MEDLINE, TOXCENTER, USPATFULL

Absolute stereochemistry.

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

32 REFERENCES IN FILE CA (1967 TO DATE)

20 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

33 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:243290

REFERENCE 2: 136:212315

REFERENCE 3: 136:69077

REFERENCE 4: 135:299971

REFERENCE 5: 134:262231

REFERENCE 6: 134:248339

REFERENCE 7: 134:158781

REFERENCE 8: 134:111550

REFERENCE 9: 134:1543

REFERENCE 10: 133:292322

L55 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS

RN 9002-88-4 REGISTRY

CN Ethene, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 0134M

CN 04052N

CN 04452N

CN 0488G

CN 05054P

CN 08064N

CN 08065E

CN 09054N

CN 10062N

CN 100J

CN 104A1

CN 107-02K

CN 107-61K

CN 10780-64A

CN 10A

CN 10P

CN 10X

CN 110J

CN 112A

CN 112A1

CN 1150D

CN 120J

CN 120J (polyolefin)

CN 130J

CN 153-01K

CN 1550P

CN 15817B

CN 16MA400

CN 16SP0

CN 16SPO

CN 1700J

CN 175K

CN 176R

CN 1810H

CN 1812E

CN 186R

CN 18D

CN 19E

CN 19E (polyolefin)

CN 1C7A

CN 1F7B

CN 1I2A

CN 1I2A1

CN 1I50A

CN 1IA1

CN 2010HF

CN 204-07K

CN 2040MN55

CN 2070ML60

CN 2100GP

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAYDR 12728-29-9, 9041-32-1, 9082-15-9, 11098-28-5, 11119-24-7, 11119-25-8,
177529-72-5, 177771-90-3, 177893-37-7, 163751-84-6, 174594-04-8,
121761-95-3, 126040-16-2, 126040-17-3, 126879-40-1, 53238-84-9,
53568-47-1, 53850-97-8, 58391-66-5, 56833-20-6, 57158-09-5, 64296-52-2,
62449-67-6, 63100-66-3, 101484-63-3, 101484-75-7, 101484-82-6, 95327-26-7,
95918-19-7, 95918-26-6, 103843-11-4, 66797-04-4, 66829-22-9, 106705-26-4,
113690-26-9, 114013-55-7, 51274-11-4, 51329-76-1, 51329-83-0, 114451-17-1,
136958-80-0, 37310-97-7, 37331-40-1, 37349-69-2, 37353-94-9, 112821-11-1,
67383-00-0, 67462-86-6, 73730-00-4, 73989-65-8, 74238-84-9, 74238-85-0,
74238-87-2, 74812-17-2, 70431-24-2, 71212-21-0, 142985-61-3, 150632-74-9,
79818-93-2, 86089-97-6, 86168-38-9, 81544-07-2, 81604-67-3, 87521-12-8,
91449-15-9, 91728-25-5, 39307-01-2, 39421-91-5, 52434-22-7, 110736-46-4,
156799-29-0, 160612-77-1, 161051-67-8, 183076-46-2, 184182-05-6,
187175-95-7, 189120-95-4, 202876-24-2, 211174-40-2, 211866-91-0,
211866-97-6, 212134-14-0, 213018-57-6, 214692-40-7, 220674-43-1,
253608-55-8, 273402-64-5, 286388-87-2

MF (C2 H4)x

CI PMS, COM

PCT Polyolefin

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, ASMDATA*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
PDLCOM*, PIRA, PLASPEC*, PROMT, RTECS*, SYNTHLINE, TOXCENTER, TULSA,
USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 74-85-1

CMF C2 H4

H₂C=CH₂

137881 REFERENCES IN FILE CA (1967 TO DATE)

10433 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

138108 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:14972

REFERENCE 2: 137:14250

REFERENCE 3: 137:14070

REFERENCE 4: 137:13312

REFERENCE 5: 137:13278

REFERENCE 6: 137:13230

REFERENCE 7: 137:13224
 REFERENCE 8: 137:13221
 REFERENCE 9: 137:13215
 REFERENCE 10: 137:13213

=>
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=> fil hcaplus
 FILE 'HCAPLUS' ENTERED AT 15:14:04 ON 30 JUN 2002
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FILE COVERS 1907 - 30 Jun 2002 VOL 137 ISS 1
 FILE LAST UPDATED: 28 Jun 2002 (20020628/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

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=> d stat que 156 nos
 L1 6953 SEA FILE=REGISTRY ABB=ON PLU=ON POLYETHYLEN?
 L2 18 SEA FILE=REGISTRY ABB=ON PLU=ON L1 AND WAX?
 L3 10 SEA FILE=REGISTRY ABB=ON PLU=ON POLYPROPYLENE OXIDE?/CN OR
 POLYPROPYLENEOXIDE?
 L4 815 SEA FILE=REGISTRY ABB=ON PLU=ON WAX?
 L5 204552 SEA FILE=HCAPLUS ABB=ON PLU=ON L2 OR (L1 OR ?POLYETHYLEN?) (5A
) (L4 OR WAX?)
 L6 4957 SEA FILE=HCAPLUS ABB=ON PLU=ON L3 OR POLYPROPYLENE (2A) OXIDE?
 OR POLYPROPYLENEOXIDE?
 L13 909 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND L6
 L14 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L13 AND (?CIDE? OR ?CIDAL? OR
 ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT?)
 L15 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L14 AND GRANU?
 L16 4537 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND GRANU?
 L17 22 SEA FILE=HCAPLUS ABB=ON PLU=ON L16 AND L6

L18 22 SEA FILE=HCAPLUS ABB=ON PLU=ON L15 OR L17
 L19 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L18 NOT GRANULOCYTE?
 L23 STR
 L40 1761 SEA FILE=REGISTRY SSS FUL L23
 L41 26 SEA FILE=REGISTRY ABB=ON PLU=ON STROBILURIN/BI
 L42 1942 SEA FILE=REGISTRY ABB=ON PLU=ON AZOLE?
 L44 354830 SEA FILE=HCAPLUS ABB=ON PLU=ON L40 OR L41 OR L42 OR LR3 OR
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 L45 31 SEA FILE=HCAPLUS ABB=ON PLU=ON L44 AND (L5 OR COATING(W) POLYM
 ER) AND L6
 L46 30 SEA FILE=HCAPLUS ABB=ON PLU=ON L45 NOT L19
 L47 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L46 AND (?CIDE? OR ?CIDAL? OR
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 L48 7387 SEA FILE=HCAPLUS ABB=ON PLU=ON (CR OR CONTROL?(2A) RELEAS?) (L)
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 L49 168 SEA FILE=HCAPLUS ABB=ON PLU=ON L48 AND SOIL
 L50 168 SEA FILE=HCAPLUS ABB=ON PLU=ON L49 AND (?CIDE? OR ?CIDAL? OR
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 L51 35 SEA FILE=HCAPLUS ABB=ON PLU=ON L50 AND (?POLYMER? OR L5 OR
 L6)
 L52 35 SEA FILE=HCAPLUS ABB=ON PLU=ON L51 NOT (L19 OR L47)
 L53 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L52 AND (ABRAS? OR MICROPOR?
 OR FLUID? OR HEAT? OR KJ)
 L54 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L53 AND L44
 L56 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L53 NOT L54

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=> d ibib abs hitrn 156 1

L56 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1997:632795 HCAPLUS
 DOCUMENT NUMBER: 127:318490
 TITLE: **Granulated** fertilizer coated with degradable
 aliphatic polyester film
 INVENTOR(S): Saito, Hisato; Miyazaki, Keiko; Harada, Yasuyuki;
 Yamaoka, Hiroaki
 PATENT ASSIGNEE(S): Yukishitsu Hiryo Seikatsu Kasseiriyo Gijitsu
 Kenkyukumiai, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF

✓

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09249477	A2	19970922	JP 1996-57542	19960314

AB **Granulated** fertilizers are coated with a degradable film of
 aliph. polyester resin (10,000-300,000 av. mol. wt.) that consists of
 0.02-30 mol % aliph. hydroxy carboxylic acid units, 35-49.99 mol % aliph.
 diol units, and 35-49.99 mol % aliph. dicarboxylic acid units. Thus, 13.7
 kg succinic acid, 11.6 1,4-butanediol, previously dissolved 1%by wt.
 germanium oxide 0.67 kg 90% DL-lactic acid aq. soln. were reacted under an
 N2 atm. at 180.degree. for 30 min, **heated** to 220.degree. and
 reacted for 15 min, and **polymd.** at 230.degree. for 2 h under 0.5

mm Hg. Then, 1 kg urea **granules** (2-4 mm **granules**) were coated in a spouted bed with a trichloroethylene soln. of polyethylene and the polyester obtained at wt. ratios of 5/5 and 8/2; the coating ratio was 10%. In a field expt. on Kuroboku **soil**, the dissoln. rate at 100 days was approx. 1toreq.50%. In addn. to high **controllability of release**, the disintegration of the film was superior for fertilizers with coatings contg. the polyester in comparison with polyethylene-coated fertilizer.

=>
=> select hit rn 119 1-19;select hit rn 147 1-4
E4 THROUGH E9 ASSIGNED

E10 THROUGH E17 ASSIGNED

=> fil reg
FILE 'REGISTRY' ENTERED AT 15:15:24 ON 30 JUN 2002
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STRUCTURE FILE UPDATES: 28 JUN 2002 HIGHEST RN 435268-39-6
DICTIONARY FILE UPDATES: 28 JUN 2002 HIGHEST RN 435268-39-6

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

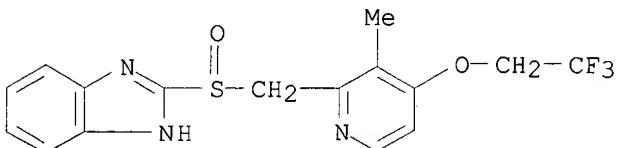
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1 25322-68-3/BI
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1 25791-96-2/BI
(25791-96-2/RN)
1 9002-88-4/BI
(9002-88-4/RN)
1 9042-77-7/BI
(9042-77-7/RN)
1 9057-91-4/BI
(9057-91-4/RN)
1 26142-30-3/BI
(26142-30-3/RN)
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1 25791-96-2/BI
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1 9002-88-4/BI

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 1 103577-45-3/BI
 (103577-45-3/RN)
 1 148-79-8/BI
 (148-79-8/RN)
 1 73590-58-6/BI
 (73590-58-6/RN)
 1 9004-74-4/BI
 (9004-74-4/RN)
 1 9011-21-6/BI
 (9011-21-6/RN)
 L57 11 (25322-68-3/BI OR 25791-96-2/BI OR 9002-88-4/BI OR 9042-77-7/BI
 OR 9057-91-4/BI OR 26142-30-3/BI OR 25322-68-3/BI OR 25791-96-2/
 BI OR 9002-88-4/BI OR 103577-45-3/BI OR 148-79-8/BI OR 73590-58-
 6/BI OR 9004-74-4/BI OR 9011-21-6/BI)

=> d ide can 157 1-11

L57 ANSWER 1 OF 11 REGISTRY COPYRIGHT 2002 ACS
 RN 103577-45-3 REGISTRY
 CN 1H-Benzimidazole, 2-[[3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]sulfinyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN (.-.)-Lansoprazole
 CN 2-[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl]methyl]sulfinyl]-1H-benzimidazole
 CN A 65006
 CN AG 1749
 CN Agopton
 CN Ilsatec
 CN Ketian
 CN Lanicid
 CN Lanfast
 CN Lanproton
 CN Lansopep
 CN Lansoprazole
 CN Lanston
 CN Lanz
 CN Lanzol 30
 CN Lanzopral
 CN Lanzor
 CN Ogastro
 CN PP/K-10
 CN Prevacid
 CN Promp
 CN Prosogan
 CN Suprecid
 CN Takepron
 CN Ulpax
 CN Zoton
 FS 3D CONCORD
 DR 154727-72-7
 MF C16 H14 F3 N3 O2 S
 CI COM
 SR CA
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
 CHEMCATS, CIN, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU, DRUGUPDATES,
 EMBASE, IPA, MEDLINE, MRCK*, PHAR, PROMT, RTECS*, SYNTHLINE, TOXCENTER,

USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

714 REFERENCES IN FILE CA (1967 TO DATE)
 10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 718 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:491
 REFERENCE 2: 136:406945
 REFERENCE 3: 136:406857
 REFERENCE 4: 136:391003
 REFERENCE 5: 136:384532
 REFERENCE 6: 136:379849
 REFERENCE 7: 136:379846
 REFERENCE 8: 136:379844
 REFERENCE 9: 136:363618
 REFERENCE 10: 136:363602

L57 ANSWER 2 OF 11 REGISTRY COPYRIGHT 2002 ACS
 RN 73590-58-6 REGISTRY
 CN 1H-Benzimidazole, 5-methoxy-2-[(4-methoxy-3,5-dimethyl-2-pyridyl)methylsulfanyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (.-.)-Omeprazole
 CN 2-[(3,5-Dimethyl-4-methoxy-2-pyridyl)methylsulfanyl]-5-methoxy-1H-benzimidazole
 CN Acidex
 CN Antra
 CN Antra MUPS
 CN Audazol
 CN Aulcer
 CN Belmazol
 CN Ceprandal
 CN Desec
 CN Dizprazol
 CN Dudencer
 CN Elgam

CN Emeaproton
CN Epirazole
CN Gastrimut
CN Gastroloc
CN Gastrozole
CN Gibancer
CN H 168/68
CN Indurgan
CN Inhibitron
CN Inhipump
CN Logastric
CN Lomac
CN Losec
CN Miol
CN Miracid
CN Mopral
CN Ocid
CN Omapren
CN Omebeta 20
CN Omed
CN Omedar
CN OMEP
CN Omepral
CN Omeprazole
CN Omeprazon
CN Omepril
CN Omezol
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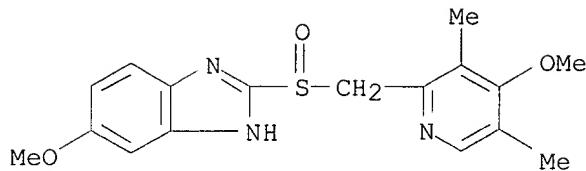
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
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FS 3D CONCORD
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CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
CEN, CHEMCATS, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGNL, DRUGPAT,
DRUGU, DRUGUPDATES, EMBASE, HSDB*, IPA, MEDLINE, MRCK*, PHAR,
PHARMASEARCH, PIRA, PROMT, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2,
USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2141 REFERENCES IN FILE CA (1967 TO DATE)
 41 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2148 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:11003

REFERENCE 2: 137:10988

REFERENCE 3: 137:10842

REFERENCE 4: 137:4271

REFERENCE 5: 137:485

REFERENCE 6: 137:479

REFERENCE 7: 137:262

REFERENCE 8: 137:146

REFERENCE 9: 136:406857

REFERENCE 10: 136:395711

L57 ANSWER 3 OF 11 REGISTRY COPYRIGHT 2002 ACS

RN 26142-30-3 REGISTRY

CN Poly[oxy(methyl-1,2-ethanediyl)], .alpha.- (oxiranylmethyl)-.omega.- (oxiranylmethoxy)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propanol, 2,3-epoxy-, diether with polypropylene glycol (8CI)

CN Glycols, polypropylene, bis(2,3-epoxypropyl) ether (8CI)

OTHER NAMES:

CN Polyoxypolypropylene diglycidyl ether

CN Polypropylene glycol diglycidyl ether

CN Polypropylene oxide diglycidyl ether

DR 130842-33-0, 60327-36-8, 93956-47-9, 93956-50-4, 87881-02-5, 39373-79-0, 39453-26-4, 99825-38-4

MF (C3 H6 O)n C6 H10 O3

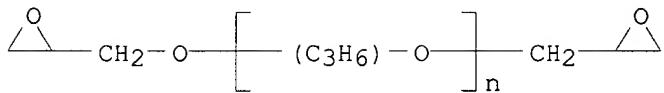
CI IDS, PMS, COM

PCT Polyether

LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, TOXCENTER, USPATFULL

Other Sources: DSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



339 REFERENCES IN FILE CA (1967 TO DATE)
 106 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 341 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:370683

REFERENCE 2: 136:361722

REFERENCE 3: 136:356126

REFERENCE 4: 136:249131

REFERENCE 5: 136:184921

REFERENCE 6: 136:136296

REFERENCE 7: 136:135397

REFERENCE 8: 136:72150

REFERENCE 9: 136:58875

REFERENCE 10: 135:274610

L57 ANSWER 4 OF 11 REGISTRY COPYRIGHT 2002 ACS

RN 25791-96-2 REGISTRY

CN Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.',.alpha.''-1,2,3-propanetriyltris[.omega.-hydroxy- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glycerol, ether with polypropylene glycol (1:3) (8CI)

CN Glycols, polypropylene, 1,2,3-propanetriyl ether (8CI)

OTHER NAMES:

CN .alpha.,.alpha.',.alpha.''-1,2,3-Propanetriyltris[.omega.-hydroxypoly(oxy-1,3-propanediyl)]

CN .alpha.,.alpha.',.alpha.''-Propylidynetris[.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]

CN Acclaim 6300

CN Actcol 79-56

CN Adeka G 1500

CN Adeka G 300

CN Adeka G 3000

CN Adeka G 3000B

CN Adeka G 400

CN Adeka G 4000

CN Adeka G 700

CN Alkapol G 240

CN Arcol LG 168

CN Arcol LG 650

CN Arcol LHT 112

CN Arcol LHT 240

CN Arcol LHT 42

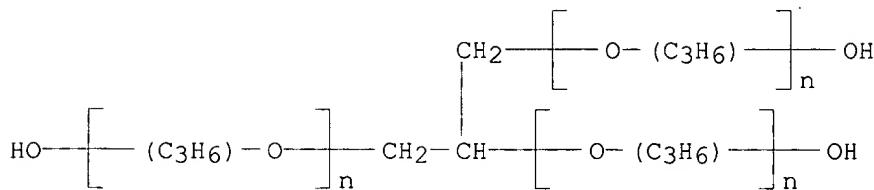
CN Bypolet 34

CN Bypolet 36

CN Caradol 555
 CN E 685
 CN Empeyol F 3000
 CN Ethox PGW
 CN EX 430
 CN Excenol 1030
 CN Excenol 3031K
 CN Excenol 430
 CN Excenol 840
 CN G 300
 CN G 3000B
 CN G 3530
 CN G 400
 CN G 5000
 CN G 700
 CN Glycerol poly(oxypropylene)triol
 CN Glycerol polyether with propylene oxide
 CN Glycerol polypropylene glycol ether
 CN Glycerol polypropylene glycol ether (1:3)
 CN Glycerol tri(polyoxypolypropylene)ether
 CN Glycerol-polypropylene glycol triether
 CN Glycerol-propylene oxide copolymer
 CN Glycerol-propylene oxide polyether triol
 CN Glycerol-propylene oxide polymer
 CN Glyceryl polypropylene glycol ether (1:3)
 CN GP 3000
 CN GP 3025
 CN GP 330
 CN GP 330 (polyoxyalkylene)

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 9036-60-6, 9056-97-7, 9062-54-8, 128808-64-0, 58591-43-8, 130842-44-3,
 123113-57-5, 60649-42-5, 129496-22-6, 130299-71-7, 63345-88-0, 25640-04-4,
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 61672-99-9, 61673-01-6, 61969-58-2, 62132-18-7, 109223-46-3, 109370-78-7,
 66174-34-3, 37239-38-6, 37341-92-7, 37349-70-5, 112278-79-2, 67824-82-2,
 68518-66-1, 69106-50-9, 71950-02-2, 72661-30-4, 73379-06-3, 73904-82-2,
 70594-80-8, 76543-91-4, 75036-25-8, 82785-79-3, 83868-87-5, 84777-79-7,
 88026-30-6, 91932-59-1, 88402-98-6, 88506-72-3, 88922-98-9, 41705-08-2,
 52683-06-4, 53112-67-7, 100215-34-7, 107497-94-9, 111214-51-8,
 116712-29-9, 160307-47-1, 188571-37-1, 194368-57-5
 MF (C₃ H₆ O)_n (C₃ H₆ O)_n (C₃ H₆ O)_n C₃ H₈ O₃
 CI IDS, PMS, COM
 PCT Polyether
 LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT,
 CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS,
 PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



1217 REFERENCES IN FILE CA (1967 TO DATE)
 513 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1218 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:7546
 REFERENCE 2: 136:406935
 REFERENCE 3: 136:404062
 REFERENCE 4: 136:387146
 REFERENCE 5: 136:386617
 REFERENCE 6: 136:373839
 REFERENCE 7: 136:370519
 REFERENCE 8: 136:370448
 REFERENCE 9: 136:342199
 REFERENCE 10: 136:341684

L57 ANSWER 5 OF 11 REGISTRY COPYRIGHT 2002 ACS

RN 25322-68-3 REGISTRY
 CN Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- (9CI) (CA INDEX
 NAME)

OTHER NAMES:

CN α ., ω .-Hydroxypoly(ethylene oxide)
 CN α -Hydro- ω -hydroxypoly(oxy-1,2-ethanediyl)
 CN α -Hydro- ω -hydroxypoly(oxyethylene)
 CN 1,2-Ethanediol, homopolymer
 CN 1660O
 CN 1660S
 CN Alkox
 CN Alkox E 100
 CN Alkox E 130
 CN Alkox E 160
 CN Alkox E 240
 CN Alkox E 30
 CN Alkox E 45
 CN Alkox E 60
 CN Alkox E 75
 CN Alkox R 1000
 CN Alkox R 15
 CN Alkox R 150
 CN Alkox R 400
 CN Alkox SR

CN Antarox E 4000
 CN Aquacide III
 CN Aquaffin
 CN Badimol
 CN BDH 301
 CN Bradsyn PEG
 CN Breox 2000
 CN Breox 20M
 CN Breox 4000
 CN Breox 550
 CN Breox PEG 300
 CN CAFO 154
 CN Carbowax
 CN Carbowax 100
 CN Carbowax 1000
 CN Carbowax 1350
 CN Carbowax 14000
 CN Carbowax 1500
 CN Carbowax 1540
 CN Carbowax 20
 CN Carbowax 200
 CN Carbowax 20000
 CN Carbowax 25000
 CN Carbowax 300
 CN Carbowax 3350
 CN Carbowax 400
 CN Carbowax 4000
 CN Carbowax 4500
 CN Carbowax 4600
 CN Carbowax 600

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

AR 9002-90-8

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125223-68-9, 54847-64-2, 59763-40-5, 64441-68-5, 64640-28-4, 133573-31-6,
25104-58-9, 25609-81-8, 134919-43-0, 101677-86-5, 99264-61-6, 106186-24-7,
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61840-14-0, 37361-15-2, 112384-37-9, 70926-57-7, 75285-02-8, 75285-03-9,
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191743-71-2, 201163-43-1, 206357-86-0, 221638-71-7, 225502-44-3,
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MF (C2 H4 O)n H2 O

CI PMS, COM

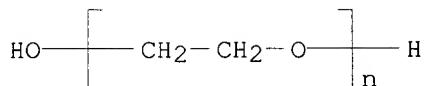
PCT Polyether

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN,
USPAT2, USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)



61718 REFERENCES IN FILE CA (1967 TO DATE)
 16578 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 61838 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:14739
 REFERENCE 2: 137:13147
 REFERENCE 3: 137:11009
 REFERENCE 4: 137:10994
 REFERENCE 5: 137:10984
 REFERENCE 6: 137:10983
 REFERENCE 7: 137:10975
 REFERENCE 8: 137:10973
 REFERENCE 9: 137:10902
 REFERENCE 10: 137:10864

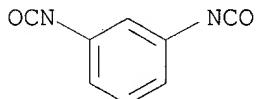
L57 ANSWER 6 OF 11 REGISTRY COPYRIGHT 2002 ACS

RN 9057-91-4 REGISTRY
 CN Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, polymer with 1,3-diisocyanatomethylbenzene (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzene, 1,3-diisocyanatomethyl-, polymer with .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)] (9CI)
 CN Isocyanic acid, methylphenylene ester, polymer with polypropylene glycol (8CI)
 OTHER NAMES:
 CN 1,3-Diisocyanatomethylbenzene-Hyprox DP 2000 copolymer
 CN Airthane PPT 80A
 CN Airthane PPT 95A
 CN Airthane XPS 686
 CN Alkuran 1000
 CN Castomer E 0002
 CN CF 40
 CN Coronate 4193
 CN D 2000TPT
 CN D 824
 CN Desmodur 1361
 CN Diol 1000-TDI copolymer
 CN Hydroxypropyl acrylate-polypropylene glycol-toluene diisocyanate copolymer
 CN Hyprox DP 2000-1,3-diisocyanatomethylbenzene copolymer
 CN KL 3
 CN KL 3 (polymer)
 CN Methyl-m-phenylene isocyanate-polypropylene glycol polymer
 CN MN 3050-TDI copolymer
 CN Olester XQ 3209LP

CN Pandex DU-A
 CN Poly(oxypropylene)-toluene diisocyanate polymer
 CN Poly(oxypropylene)glycol-toluene diisocyanate copolymer
 CN Polyoxypropylene glycol-TDI copolymer
 CN Polyoxypropylene glycol-tolylene diisocyanate copolymer
 CN Polyoxypropylene glycol-tolylene diisocyanate polymer
 CN Polyoxypropylene-TDI copolymer
 CN Polyoxypropylenediol-toluene diisocyanate polymer
 CN Polypropylene glycol-TDI copolymer
 CN Polypoprylene glycol-TDI polymer
 CN Polypoprylene glycol-toluene diisocyanate copolymer
 CN Polypoprylene glycol-toluene diisocyanate polymer
 CN Polypoprylene glycol-tolyldiisocyanate polymer
 CN Polypoprylene glycol-tolylene diisocyanate copolymer
 CN Polypoprylene glycol-tolylene diisocyanate polymer
 CN Polypoprylene oxide-TDI copolymer
 CN PPG 1000-TDI copolymer
 CN RD 206
 CN Rokopol D 2002-TDI copolymer
 CN Spenkel M 86A6X50
 CN Takenate F 128
 CN Takenate F 130
 CN TDI-polypropylene glycol copolymer
 CN Ucopol M 33/60MPAX
 CN Ucopol M 34/60MPAX
 DR 9019-86-7, 9037-94-9, 58517-55-8, 125388-63-8, 130756-86-4, 56841-90-8,
 60318-06-1, 129868-78-6, 62955-19-5, 65668-46-4, 37325-05-6, 74172-42-2,
 74998-31-5, 148855-93-0, 80572-04-9, 151902-49-7, 86561-70-8, 115967-83-4
 MF (C₉ H₆ N₂ O₂ . (C₃ H₆ O)_n H₂ O)x
 CI PMS, COM
 PCT Polyether, Polyurethane, Polyurethane formed
 LC STN Files: CA, CANCERLIT, CAPLUS, CHEMCATS, CHEMLIST, CIN, EMBASE,
 IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, TOXCENTER, USPATFULL
 Other Sources: DSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

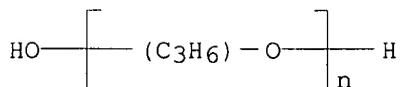
CRN 26471-62-5
 CMF C₉ H₆ N₂ O₂
 CCI IDS



D1—Me

CM 2

CRN 25322-69-4
 CMF (C₃ H₆ O)_n H₂ O
 CCI IDS, PMS



623 REFERENCES IN FILE CA (1967 TO DATE)
 169 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 623 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:403296

REFERENCE 2: 136:387132

REFERENCE 3: 136:386504

REFERENCE 4: 136:326547

REFERENCE 5: 136:326167

REFERENCE 6: 136:325928

REFERENCE 7: 136:264530

REFERENCE 8: 136:248678

REFERENCE 9: 136:232991

REFERENCE 10: 136:232616

L57 ANSWER 7 OF 11 REGISTRY COPYRIGHT 2002 ACS

RN 9042-77-7 REGISTRY

CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, polymer with 1,3-diisocyanatomethylbenzene (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzene, 1,3-diisocyanatomethyl-, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI)

OTHER NAMES:

CN 2-Hydroxyethyl methacrylate-polyethylene glycol-TDI copolymer

CN 2-Hydroxyethyl methacrylate-polyethylene glycol-tolylene diisocyanate polymer

CN 2-Hydroxyethyl methacrylate-polyethylene glycol-tolylene diisocyanate copolymer

CN 2-Hydroxyethyl methacrylate-polyethylene glycol-toluene diisocyanate polymer

CN Carbowax 1000-tolylene diisocyanate polymer

CN Isonate M 636

CN Methyl-m-phenylene isocyanate-polyethylene glycol polymer

CN Poly(ethylene oxide)-tolylene diisocyanate polymer

CN Poly(oxyethylene) glycol-tolylene diisocyanate copolymer

CN Polyethylene glycol-2,4-tolylene diisocyanate copolymer

CN Polyethylene glycol-toluene diisocyanate copolymer

CN Polyethylene glycol-toluene diisocyanate polymer

CN Polyethylene glycol-tolylene diisocyanate copolymer

CN Polyethylene glycol-tolylene diisocyanate polymer

CN Polyethylene oxide-tolylene diisocyanate copolymer

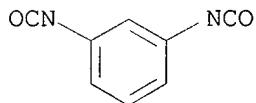
CN Polyoxethylene glycol-2,4-tolylene diisocyanate polymer

CN Polyoxethylene-TDI copolymer

CN Tolylene diisocyanate-poly(oxyethylene) glycol copolymer
 CN Trepol
 DR 64640-29-5, 106153-32-6, 39317-70-9, 39373-51-8
 MF (C₉ H₆ N₂ O₂ . (C₂ H₄ O)_n H₂ O)_x
 CI PMS
 PCT Polyether, Polyurethane, Polyurethane formed
 LC STN Files: CA, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, MSDS-OHS,
 TOXCENTER, USPATFULL
 Other Sources: DSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

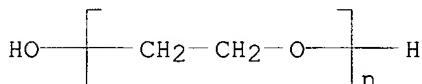
CRN 26471-62-5
 CMF C₉ H₆ N₂ O₂
 CCI IDS



D1-Me

CM 2

CRN 25322-68-3
 CMF (C₂ H₄ O)_n H₂ O
 CCI PMS



231 REFERENCES IN FILE CA (1967 TO DATE)
 90 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 232 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:10749
 REFERENCE 2: 136:402987
 REFERENCE 3: 136:296417
 REFERENCE 4: 136:233620
 REFERENCE 5: 136:184516
 REFERENCE 6: 136:135432
 REFERENCE 7: 136:54418

REFERENCE 8: 135:376821

REFERENCE 9: 135:331761

REFERENCE 10: 135:34340

L57 ANSWER 8 OF 11 REGISTRY COPYRIGHT 2002 ACS

RN 9011-21-6 REGISTRY

CN Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.',.alpha.''1,2,3-propanetriyltris[.omega.-hydroxy-, octadecanoate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Gelucire 53/10

CN Glyceryl polyoxyethylene stearate

CN Poly(oxyethylene) glyceryl stearate

CN Polyethylene glycol glycerol stearate

CN Polyoxyethylene glycerol stearate

CN Proviscol wax

DR 57107-96-7, 136959-33-6, 225519-04-0, 260416-59-9

MF C18 H36 O2 . x (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n C3 H8 O3

PCT Polyether

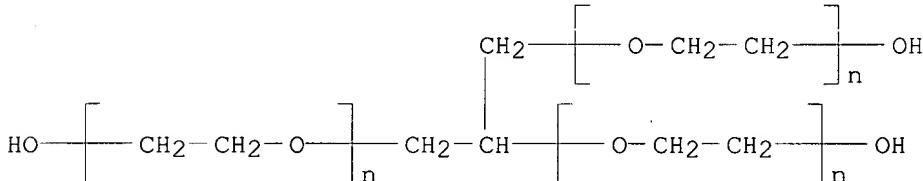
LC STN Files: CA, CAPLUS, CHEMLIST, CSCHEM, DDFU, DRUGU, IPA, TOXCENTER, USPATFULL

CM 1

CRN 31694-55-0

CMF (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n C3 H8 O3

CCI PMS



CM 2

CRN 57-11-4

CMF C18 H36 O2

HO₂C-(CH₂)₁₆-Me

44 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

44 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:90943

REFERENCE 2: 135:362363

REFERENCE 3: 135:142248

REFERENCE 4: 134:368617

REFERENCE 5: 134:198075

REFERENCE 6: 133:311156

REFERENCE 7: 133:301171

REFERENCE 8: 133:213151

REFERENCE 9: 132:298475

REFERENCE 10: 132:212533

L57 ANSWER 9 OF 11 REGISTRY COPYRIGHT 2002 ACS

RN 9004-74-4 REGISTRY

CN Poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-hydroxy- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glycols, polyethylene, monomethyl ether (8CI)

OTHER NAMES:

CN .alpha.-Methyl-.omega.-hydroxypoly(oxy-1,2-ethanediyl)

CN Breox MPEG 550

CN Carbowax 2000

CN Carbowax 350

CN Carbowax 5000

CN Carbowax 550

CN Carbowax 750

CN Carbowax 750ME

CN Carbowax MPEG 450

CN Carbowax MPEG 5000

CN CP 2000

CN CP 2000 (polyoxyalkylene)

CN Ethylene oxide-methanol adduct

CN GN 8384

CN Hymol PM

CN Methoxypoly(ethylene glycol)

CN Methyl polyglycol

CN Monomethoxy poly(ethylene oxide)

CN Monomethoxypolyethylene glycol

CN Monomethoxypolyoxyethylene

CN MPEG

CN MPEG 10000

CN MPEG 2000

CN MPEG 350

CN MPEG 500

CN MPEG 5000

CN MPEG 950

CN MPG

CN MPG 025

CN MPG 081

CN MPG 130

CN MPG 140

CN Nissan Uniol 1000

CN Nissan Uniol 550

CN Nissan Uniox M 1000

CN Nissan Uniox M 2000

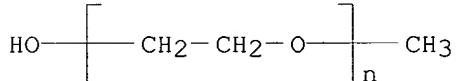
CN Nissan Uniox M 400

CN Nissan Uniox M 4000

CN Nissan Uniox M 550
 CN Nissan Uniox M 600
 CN O-Methoxypolyethylene glycol
 CN PEGMME
 CN Pluriol A 2000
 CN Pluriol A 2000E
 CN Pluriol A 275E
 CN Pluriol A 350E
 CN Pluriol A 500E
 CN Poly(ethylene oxide) monomethyl ether
 CN Polyethylene glycol methyl ether

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

AR 251911-64-5
 DR 165338-17-0, 12623-96-0, 163294-10-8, 163733-28-6, 162582-19-6,
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 LC STN Files: AGRICOLA, BIOPHARMA, BIOSIS, BIOTECHNO, CA, CANCERLIT,
 CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
 DETHERM*, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS,
 NIOSHTIC, PIRA, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



2539 REFERENCES IN FILE CA (1967 TO DATE)
 1000 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2547 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:10857
 REFERENCE 2: 137:9713
 REFERENCE 3: 137:7662
 REFERENCE 4: 137:7010
 REFERENCE 5: 137:6758
 REFERENCE 6: 137:6042
 REFERENCE 7: 137:1571
 REFERENCE 8: 137:1563

REFERENCE 9: 136:406913

REFERENCE 10: 136:406826

L57 ANSWER 10 OF 11 REGISTRY COPYRIGHT 2002 ACS
RN 9002-88-4 REGISTRY

CN Ethene, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 0134M

CN 04052N

CN 04452N

CN 0488G

CN 05054P

CN 08064N

CN 08065E

CN 09054N

CN 10062N

CN 100J

CN 104A1

CN 107-02K

CN 107-61K

CN 10780-64A

CN 10A

CN 10P

CN 10X

CN 110J

CN 112A

CN 112A1

CN 1150D

CN 120J

CN 120J (polyolefin)

CN 130J

CN 153-01K

CN 1550P

CN 15817B

CN 16MA400

CN 16SP0

CN 16SPO

CN 1700J

CN 175K

CN 176R

CN 1810H

CN 1812E

CN 186R

CN 18D

CN 19E

CN 19E (polyolefin)

CN 1C7A

CN 1F7B

CN 1I2A

CN 1I2A1

CN 1I50A

CN 1IA1

CN 2010HF

CN 204-07K

CN 2040MN55

CN 2070ML60

CN 2100GP

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for

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 177529-72-5, 177771-90-3, 177893-37-7, 163751-84-6, 174594-04-8,
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 95918-19-7, 95918-26-6, 103843-11-4, 66797-04-4, 66829-22-9, 106705-26-4,
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 187175-95-7, 189120-95-4, 202876-24-2, 211174-40-2, 211866-91-0,
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 253608-55-8, 273402-64-5, 286388-87-2

MF (C2 H4)x

CI PMS, COM

PCT Polyolefin

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, ASMDATA*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
 PDLCOM*, PIRA, PLASPEC*, PROMT, RTECS*, SYNTHLINE, TOXCENTER, TULSA,
 USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 74-85-1

CMF C2 H4



137881 REFERENCES IN FILE CA (1967 TO DATE)
 10433 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 138108 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:14972
 REFERENCE 2: 137:14250
 REFERENCE 3: 137:14070
 REFERENCE 4: 137:13312
 REFERENCE 5: 137:13278
 REFERENCE 6: 137:13230
 REFERENCE 7: 137:13224
 REFERENCE 8: 137:13221

REFERENCE 9: 137:13215

REFERENCE 10: 137:13213

L57 ANSWER 11 OF 11 REGISTRY COPYRIGHT 2002 ACS
RN **148-79-8** REGISTRY
CN 1H-Benzimidazole, 2-(4-thiazolyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzimidazole, 2-(4-thiazolyl)- (6CI, 8CI)
OTHER NAMES:
CN 2-(4'-Thiazolyl)benzimidazole
CN 2-(4'-Thiazoyl)benzimidazole
CN 2-(4-Thiazolyl)-1H-benzimidazole
CN 2-(4-Thiazolyl)-1H-benzoimidazole
CN 2-(4-Thiazolyl)benzimidazole
CN 5-(4-Thiazolyl)benzimidazole
CN Amolden HS
CN Chemviron TK 100
CN Cropasal
CN Drawipas
CN Equizole
CN G 491
CN Hokustar HP
CN Mertect
CN Mertect 160
CN Mertect 340F
CN Mertect LSP
CN Metasol TK 100
CN Mintesol
CN Mintezol
CN Minzolum
CN MK 360
CN MSD 18
CN Omnidazole
CN Ormogal
CN Pitrizet
CN Sanaizol 100
CN Sistesan
CN Statin
CN Storite
CN Syntol M 100
CN TBZ
CN TBZ (fungicide)
CN TBZ 6
CN TBZ 60W
CN Tebuzate
CN Tecta
CN Tectab
CN Tecto
CN Tecto 10P
CN Tecto 40F
CN Tecto 60
CN Tecto B
CN Thiabendazol
CN Thiabendazole
CN Thiabendole
CN Thiabenzole
CN Thibendole

POLYPROPYLENEOXIDE?

L4 815 SEA FILE=REGISTRY ABB=ON PLU=ON WAX?

L5 204552 SEA FILE=HCAPLUS ABB=ON PLU=ON L2 OR (L1 OR ?POLYETHYLEN?) (5A
) (L4 OR WAX?)

L6 4957 SEA FILE=HCAPLUS ABB=ON PLU=ON L3 OR POLYPROPYLENE(2A)OXIDE?

L7 OR POLYPROPYLENEOXIDE?

L13 909 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND L6

L14 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L13 AND (?CIDE? OR ?CIDAL? OR
?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT?)

L15 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L14 AND GRANU?

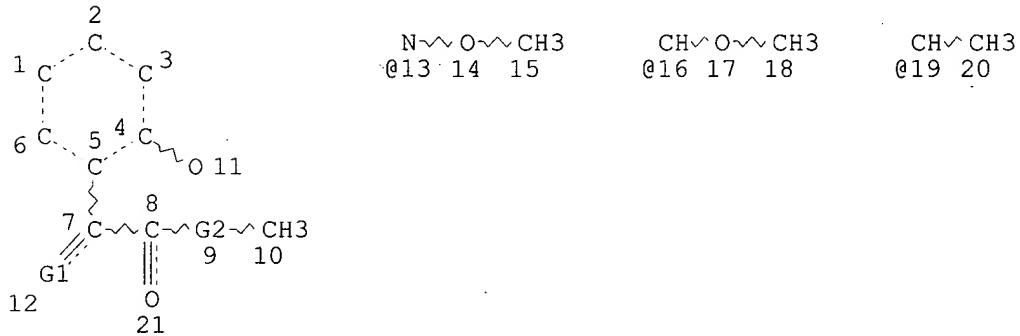
L16 4537 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND GRANU?

L17 22 SEA FILE=HCAPLUS ABB=ON PLU=ON L16 AND L6

L18 22 SEA FILE=HCAPLUS ABB=ON PLU=ON L15 OR L17

L19 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L18 NOT GRANULOCYTE?

L23 STR



VAR G1=13/16/19

VAR G2=O/NH

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE

L40 1761 SEA FILE=REGISTRY SSS FUL L23

L41 26 SEA FILE=REGISTRY ABB=ON PLU=ON STROBILURIN/BI

L42 1942 SEA FILE=REGISTRY ABB=ON PLU=ON AZOLE?

L44 354830 SEA FILE=HCAPLUS ABB=ON PLU=ON L40 OR L41 OR L42 OR LR3 OR
?STROBILURIN? OR ?AZOLE? OR ?SALICYLAT?

L45 31 SEA FILE=HCAPLUS ABB=ON PLU=ON L44 AND (L5 OR COATING(W) POLYM
ER) AND L6

L46 30 SEA FILE=HCAPLUS ABB=ON PLU=ON L45 NOT L19

L47 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L46 AND (?CIDE? OR ?CIDAL? OR
?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT? OR ?GRANU?)

L48 7387 SEA FILE=HCAPLUS ABB=ON PLU=ON (CR OR CONTROL?(2A) RELEAS?) (L)
?GRANU?

L49 168 SEA FILE=HCAPLUS ABB=ON PLU=ON L48 AND SOIL

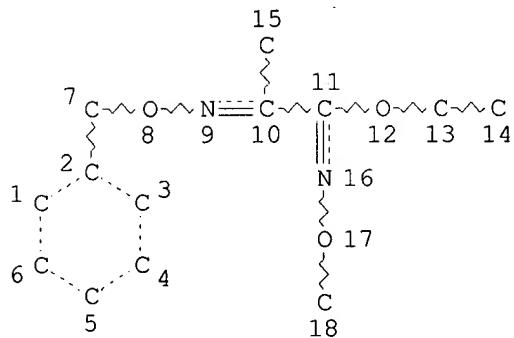
L50 168 SEA FILE=HCAPLUS ABB=ON PLU=ON L49 AND (?CIDE? OR ?CIDAL? OR
?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT? OR ?GRANU?)

L51 35 SEA FILE=HCAPLUS ABB=ON PLU=ON L50 AND (?POLYMER? OR L5 OR
L6)

L52 35 SEA FILE=HCAPLUS ABB=ON PLU=ON L51 NOT (L19 OR L47)

L53 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L52 AND (ABRAS? OR MICROPOR?)

OR FLUID? OR HEAT? OR KJ)
 L54 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L53 AND L44
 L61 STR



NODE ATTRIBUTES:

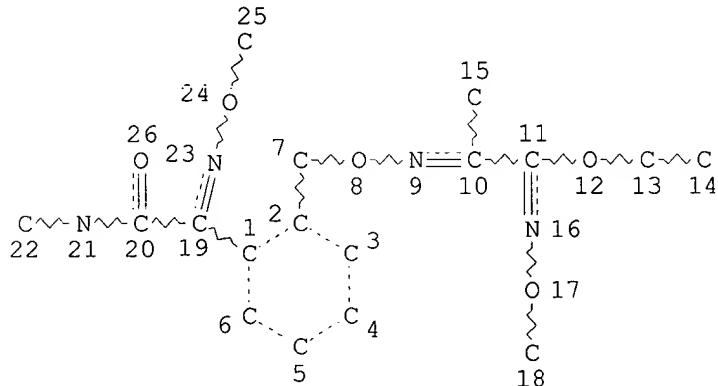
DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

L63 85 SEA FILE=REGISTRY SSS FUL L61
 L64 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

L65 37 SEA FILE=REGISTRY SUB=L63 SSS FUL L64
 L66 11 SEA FILE=HCAPLUS ABB=ON PLU=ON L65
 L67 11 SEA FILE=HCAPLUS ABB=ON PLU=ON L66 NOT (L19 OR L47 OR L53 OR
 L54)
 L68 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L67 AND (L5 OR L6)

=> d ibib abs hitrn 168 1

L68 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:722833 HCAPLUS
 DOCUMENT NUMBER: 131:318954
 TITLE: Controlled-release pesticidal formulations.
 INVENTOR(S): Ernst, Andreas; Bratz, Matthias; Schneider,
 Karl-Heinrich; Lange, Armin; Kessler, Thomas;
 Schelberger, Klaus; Strathmann, Siegfried
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9956540	A1	19991111	WO 1999-EP2698	19990422
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9938201	A1	19991123	AU 1999-38201	19990422
AU 741746	B2	20011206		
BR 9910072	A	20001226	BR 1999-10072	19990422
EP 1083790	A1	20010321	EP 1999-920733	19990422
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 2002517380	T2	20020618	JP 2000-546586	19990422
PRIORITY APPLN. INFO.:			DE 1998-19819282 A	19980430
			WO 1999-EP2698	W 19990422

OTHER SOURCE(S): MARPAT 131:318954
 AB The title formulations comprise 0.1-80 wt. % active ingredient, 10-80 wt. % mineral filler, 0-20 wt. % inorg. or org. additives, and the remainder to 100 wt. % a thermoplastic, water-insol. polymer. Suitable polymers are poly(vinyl acetate), PVP, polyethylene, etc.
 IT 187805-69-2 248593-14-8 248593-15-9
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (controlled-release formulation of)
 IT 9002-88-4, Lupolen 1800S
 RL: MOA (Modifier or additive use); USES (Uses)
 (matrix in controlled-release pesticidal formulations)
 REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> select hit rn 168 1
 E18 THROUGH E21 ASSIGNED

=> fil reg
 FILE 'REGISTRY' ENTERED AT 15:24:34 ON 30 JUN 2002
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 28 JUN 2002 HIGHEST RN 435268-39-6

DICTIONARY FILE UPDATES: 28 JUN 2002 HIGHEST RN 435268-39-6

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s e18-e21

1 187805-69-2/BI
(187805-69-2/RN)
1 248593-14-8/BI
(248593-14-8/RN)
1 248593-15-9/BI
(248593-15-9/RN)
1 9002-88-4/BI
(9002-88-4/RN)

L69 4 (187805-69-2/BI OR 248593-14-8/BI OR 248593-15-9/BI OR 9002-88-4
/BI)

=> d ide can 169 1-4

L69 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN 248593-15-9 REGISTRY

CN Propanimidic acid, N-methoxy-2-[[2-[(1E)-1-(methoxyimino)-2-(methylamino)-
2-oxoethyl]phenyl]methoxyimino]-, 2-methylpropyl ester, (1Z,2E)- (9CI)
(CA INDEX NAME)

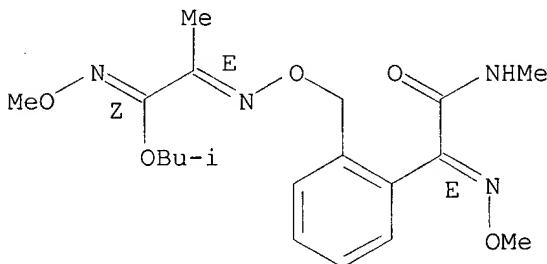
FS STEREOSEARCH

MF C19 H28 N4 O5

SR CA

LC STN Files: CA, CAPLUS

Double bond geometry as shown.



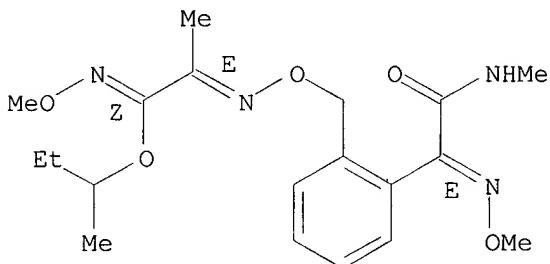
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:318954

L69 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2002 ACS
 RN **248593-14-8** REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[(1E)-1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylpropyl ester, (1Z,2E)- (9CI)
 (CA INDEX NAME)
 FS STEREOSEARCH
 MF C19 H28 N4 O5
 SR CA
 LC STN Files: CA, CAPLUS

Double bond geometry as shown.



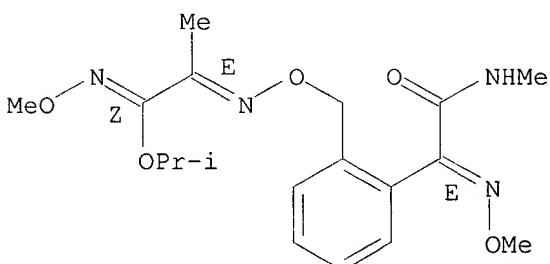
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:318954

L69 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2002 ACS
 RN **187805-69-2** REGISTRY
 CN Propanimidic acid, N-methoxy-2-[[2-[(1E)-1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, (1Z,2E)- (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propanimidic acid, N-methoxy-2-[[2-[(1E)-1-(methoxyimino)-2-(methylamino)-2-oxoethyl]phenyl]methoxy]imino]-, 1-methylethyl ester, [1Z,2E(E)]-
 FS STEREOSEARCH
 MF C18 H26 N4 O5
 SR CA
 LC STN Files: CA, CAPLUS

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:318954

REFERENCE 2: 126:199346

L69 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN 9002-88-4 REGISTRY

CN Ethene, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 0134M

CN 04052N

CN 04452N

CN 0488G

CN 05054P

CN 08064N

CN 08065E

CN 09054N

CN 10062N

CN 100J

CN 104A1

CN 107-02K

CN 107-61K

CN 10780-64A

CN 10A

CN 10P

CN 10X

CN 110J

CN 112A

CN 112A1

CN 1150D

CN 120J

CN 120J (polyolefin)

CN 130J

CN 153-01K

CN 1550P

CN 15817B

CN 16MA400

CN 16SPO

CN 16SPO

CN 1700J

CN 175K

CN 176R

CN 1810H

CN 1812E

CN 186R

CN 18D

CN 19E

CN 19E (polyolefin)

CN 1C7A

CN 1F7B

CN 1I2A

CN 1I2A1

CN 1I50A

CN 1IA1
 CN 2010HF
 CN 204-07K
 CN 2040MN55
 CN 2070ML60
 CN 2100GP

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

DR 12728-29-9, 9041-32-1, 9082-15-9, 11098-28-5, 11119-24-7, 11119-25-8, 177529-72-5, 177771-90-3, 177893-37-7, 163751-84-6, 174594-04-8, 121761-95-3, 126040-16-2, 126040-17-3, 126879-40-1, 53238-84-9, 53568-47-1, 53850-97-8, 58391-66-5, 56833-20-6, 57158-09-5, 64296-52-2, 62449-67-6, 63100-66-3, 101484-63-3, 101484-75-7, 101484-82-6, 95327-26-7, 95918-19-7, 95918-26-6, 103843-11-4, 66797-04-4, 66829-22-9, 106705-26-4, 113690-26-9, 114013-55-7, 51274-11-4, 51329-76-1, 51329-83-0, 114451-17-1, 136958-80-0, 37310-97-7, 37331-40-1, 37349-69-2, 37353-94-9, 112821-11-1, 67383-00-0, 67462-86-6, 73730-00-4, 73989-65-8, 74238-84-9, 74238-85-0, 74238-87-2, 74812-17-2, 70431-24-2, 71212-21-0, 142985-61-3, 150632-74-9, 79818-93-2, 86089-97-6, 86168-38-9, 81544-07-2, 81604-67-3, 87521-12-8, 91449-15-9, 91728-25-5, 39307-01-2, 39421-91-5, 52434-22-7, 110736-46-4, 156799-29-0, 160612-77-1, 161051-67-8, 183076-46-2, 184182-05-6, 187175-95-7, 189120-95-4, 202876-24-2, 211174-40-2, 211866-91-0, 211866-97-6, 212134-14-0, 213018-57-6, 214692-40-7, 220674-43-1, 253608-55-8, 273402-64-5, 286388-87-2

MF (C2 H4) x

CI PMS, COM

PCT Polyolefin

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, ASMDATA*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PLASPEC*, PROMT, RTECS*, SYNTHLINE, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 74-85-1

CMF C2 H4

H₂C=CH₂

137881 REFERENCES IN FILE CA (1967 TO DATE)
 10433 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 138108 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:14972

REFERENCE 2: 137:14250

REFERENCE 3: 137:14070

REFERENCE 4: 137:13312

REFERENCE 5: 137:13278

REFERENCE 6: 137:13230

REFERENCE 7: 137:13224

REFERENCE 8: 137:13221

REFERENCE 9: 137:13215

REFERENCE 10: 137:13213

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=> d stat que 171 nos
L1      6953 SEA FILE=REGISTRY ABB=ON  PLU=ON  POLYETHYLEN?
L2      18 SEA FILE=REGISTRY ABB=ON  PLU=ON  L1 AND WAX?
L3      10 SEA FILE=REGISTRY ABB=ON  PLU=ON  POLYPROPYLENE OXIDE?/CN OR
      POLYPROPYLENEOXIDE?
L4      815 SEA FILE=REGISTRY ABB=ON  PLU=ON  WAX?
L5      204552 SEA FILE=HCAPLUS ABB=ON PLU=ON  L2 OR (L1 OR ?POLYETHYLEN?) (5A
      ) (L4 OR WAX?)
L6      4957 SEA FILE=HCAPLUS ABB=ON PLU=ON  L3 OR POLYPROPYLENE (2A)OXIDE?
      OR POLYPROPYLENEOXIDE?
L13     909 SEA FILE=HCAPLUS ABB=ON PLU=ON  L5 AND L6
L14     19 SEA FILE=HCAPLUS ABB=ON PLU=ON  L13 AND (?CIDE? OR ?CIDAL? OR
      ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT?)
L15     4 SEA FILE=HCAPLUS ABB=ON PLU=ON  L14 AND GRANU?
L16     4537 SEA FILE=HCAPLUS ABB=ON PLU=ON  L5 AND GRANU?
L17     22 SEA FILE=HCAPLUS ABB=ON PLU=ON  L16 AND L6
L18     22 SEA FILE=HCAPLUS ABB=ON PLU=ON  L15 OR L17
L19     19 SEA FILE=HCAPLUS ABB=ON PLU=ON  L18 NOT GRANULOCYTE?
L23     STR
L40     1761 SEA FILE=REGISTRY SSS FUL L23
L41     26 SEA FILE=REGISTRY ABB=ON  PLU=ON  STROBILURIN/BI
L42     1942 SEA FILE=REGISTRY ABB=ON PLU=ON  AZOLE?
L44     354830 SEA FILE=HCAPLUS ABB=ON PLU=ON  L40 OR L41 OR L42 OR LR3 OR
      ?STROBILURIN? OR ?AZOLE? OR ?SALICYLAT?
L45     31 SEA FILE=HCAPLUS ABB=ON PLU=ON  L44 AND (L5 OR COATING(W) POLYM
      ER) AND L6
L46     30 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L45 NOT L19
L47     4 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L46 AND (?CIDE? OR ?CIDAL? OR
      ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT? OR ?GRANU?)
L48     7387 SEA FILE=HCAPLUS ABB=ON PLU=ON  (CR OR CONTROL?(2A) RELEAS?) (L)
      ?GRANU?
L49     168 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L48 AND SOIL
L50     168 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L49 AND (?CIDE? OR ?CIDAL? OR
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L51     35 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L50 AND (?POLYMER? OR L5 OR
      L6)
L52     35 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L51 NOT (L19 OR L47)
L53     2 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L52 AND (ABRAS? OR MICROPOR?
      OR FLUID? OR HEAT? OR KJ)
L54     1 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L53 AND L44
L61     STR
L63     85 SEA FILE=REGISTRY SSS FUL L61
L64     STR
L65     37 SEA FILE=REGISTRY SUB=L63 SSS FUL L64
L66     11 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L65
L67     11 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L66 NOT (L19 OR L47 OR L53 OR
      L54)
L68     1 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L67 AND (L5 OR L6)
L70     11 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L67 AND (?CIDE? OR ?CIDAL? OR
      ?FUNG? OR ?HERB? OR ?PEST? OR ?INSECT? OR SOIL OR L48)
L71     10 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L70 NOT L68
```

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=>
=>
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=> d ibib abs hitrn 171 1-10
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Requestor's
Name:

Date:

NEIL LEVY 04

Serial
Number

Phone:

3082412

Or Unit:

1616 2DPA
CM1

6/18/02

Office: 3E01 CM1 3082412

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

6.1. Please search the structure with partial sequence

6.1. + (partial sequence) (part 1)
(part 2)

6.1. = 6.1. + compound a) C (partial)

If no HITS; Try this compound as structure,
as pesticide/insecticide/fungicide/
fertilizer

If HITS; add full molecule

If HITS is not a C (6.1), add to search the

Activation/inhibition +
process
of (additive and/or
fertilizer, 2nd 19)

BEST AVAILABLE COPY

Some terms not used
AN# -

It is a HITS or
not a HITS

do change up to

Date completed: 6/18/02

Searcher: Stenman

Terminal time:

Elapsed time:

CPU time:

Total time:

Number of Searches:

Number of Databases:

STAFF USE ONLY

Search Site

STIC

CM-1

Pre-S

Type of Search

N.A. Sequence

A.A. Sequence

Structure

Bibliographic

Vendors

IG

STN

Dialog

APS

GenInfo

SDC

DARPA/Questel

Other